

STATE OF CALIFORNIA
DEPARTMENT OF FISH AND GAME

FISH BULLETIN No. 108

THE MARINE FISH CATCH OF CALIFORNIA

For the Years 1957 and 1958

BY THE BIOSTATISTICAL SECTION
MARINE RESOURCES OPERATIONS



1960

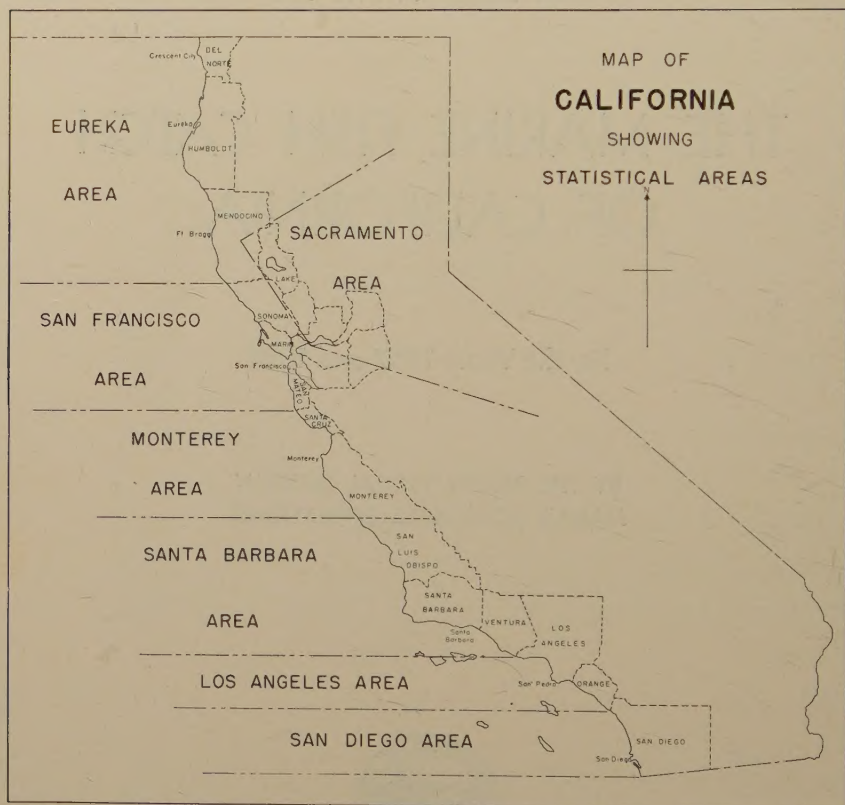


FIGURE 1

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FOREWORD

Catch bulletins provide records of fishery landings and their value to the fishermen during one or more years. This bulletin covering 1957 and 1958 is the 18th of a series reporting the commercial fish catch of California. Prior records have been published regularly in this form beginning with the 1926 and 1927 landings. The statistical system and methods were fully described in Fish Bulletin 86, catch bulletin for 1950.

California's commercial fishery records system contains enumeration of the catch based on receipts completed by the dealer at the time he receives fish. Numerous fishery biologists, wardens and clerical personnel make every effort to insure that the basic catch record reported from the field is complete. Published figures are of national and international interest to fisheries biologists, legislators, chambers of commerce, members of the fishing industry, educators and other individuals.

We are continuously striving to make catch statistics more meaningful and usable and with this in mind many tables have been rearranged in this bulletin. For these table arrangements we are indebted to John Fitch.

January 1960

EXPLANATION OF TABLES

The following tables summarize in various ways the final 1957 and 1958 records of fish, mollusks and crustaceans landed in California by the commercial fleet. Records of fish imported or shipped into California are placed in two categories, those received for processing and those destined for sale in a fresh state. A complete record is maintained on all fish received for processing. However, the laws are not as stringent for reporting fish shipped into the State and destined for fresh sales; as a result records for these are incomplete.

We cannot always determine if the fish are sold cleaned or in the round, thus this bulletin reflects the summarized poundage as reported. Exceptions are made for some varieties of shellfish reported by count or cleaned weight. For these, conversion factors have been determined by sampling the products at the delivery points. Currently, these factors are:

Abalone, red	50 lbs. per doz.
Abalone, pink	35 lbs. per doz.
Abalone, southern green	35 lbs. per doz.
Clams, Mexican Pismo	8 lbs. round wt. per 1 lb. cleaned wt.
Clams, Washington	7 lbs. per doz.
Crab, market	2 lbs. each
Oyster, eastern	30 lbs. per hundred oysters
Oyster, giant Pacific	50 lbs. per hundred oysters

Value for each variety is based on the price reported on the fish receipts. When the amount paid is not specified, an estimate is made using the average price for that particular variety and statistical area (Figure 1).

In some cases, separation is not made by the dealer because of economic reasons or his inability to distinguish varieties. These are reported collectively in groups of similar fishes (Table 1).

In September 1957 gill net fishing was prohibited in the Sacramento River upstream from the Carquinez Strait, composing much of Statistical Area 3. This legislative closure eliminated the river net fisheries for salmon and shad. Inasmuch as the two fisheries comprised more than 80 percent of the total value of all Area 3 fisheries in 1955 and 1956 it was decided to combine the remaining catch for Area 3 with Area 4 in 1958 tables. Enough salmon and shad were taken in 1957 (Table 10) to justify separation of Area 3.

The trend in total landings is shown in Table 2 and Figure 2 for the years 1916-1958. The pounds and value for 1957 and 1958 are compared in Table 3. The number of licensed fishermen and fishing boats are given in Tables 4 and 5.

Detail poundages by species and areas for 1957 are included in Tables 6-15, and for 1958 in Tables 24-32. Value figures for 1957 are given in Tables 16-23, and for 1958 in Tables 33-39. The catch of the most important fish taken by party boat sportfishermen is given in Table 40 for the years 1949-1958. The live bait catch for 1954-1958 is included in Table 41.

TABLE 1

Common and Scientific Names of Fishes, Crustaceans, and Mollusks in the
1957 and 1958 Commercial Catch

Common name	Scientific name	Common name	Scientific name
FISHES			
Anchovy.....	<i>Engraulis mordax</i>	Seabass, white.....	<i>Cynoscion nobilis</i>
Barracuda, California.....	<i>Sphyraena argentea</i>	Seatrout, greenling.....	<i>Hexagrammos decagrammus</i>
Bonito.....	<i>Sarda chiliensis</i>	Shad.....	<i>Alosa sapidissima</i>
Cabezon.....	<i>Scorpaenichthys marmoratus</i>	Shark.....	
Cabrilla.....	<i>Epinephelus analogus</i>	Basking.....	<i>Cetorhinus maximus</i>
Carp.....	<i>Cyprinus carpio</i>	Bonito.....	<i>Isurus glaucus</i>
Croaker, white.....	<i>Genyonemus lineatus</i>	Dogfish.....	<i>Squalus acanthias</i>
Small amounts of		Leopard.....	<i>Triakis semifasciata</i>
queenfish.....	<i>Seriophilus politus</i>	Soupfin.....	<i>Galeorhinus zyopterus</i>
Dolphinfish.....	<i>Coryphaena hippurus</i>	Thresher.....	<i>Alopias vulpinus</i>
Eel.....		Varying amounts of	
California moray.....	<i>Gymnothorax mordax</i>	others.....	
Monkeyface-eel.....	<i>Cebidichthys violaceus</i>	Sheep-head.....	<i>Pimelometopon pulchrum</i>
Rock-eel.....	<i>Xiphister mucosus</i>	Sierra.....	<i>Scomberomorus sierra</i>
Flounder.....		Skate.....	
Starry flounder.....	<i>Platichthys stellatus</i>	Big.....	<i>Raja binoculata</i>
Small amounts of		California.....	<i>Raja inornata</i>
other flatfishes.....		Longnose.....	<i>Raja rhina</i>
Flyingfish.....	<i>Cypselurus californicus</i>	Smelt.....	
Grouper.....	<i>Mycteroperca</i> species	Grunion.....	<i>Leuresthes tenuis</i>
Hake.....	<i>Merluccius productus</i>	Jacksmelt.....	<i>Atherinopsis californiensis</i>
Halfmoon.....	<i>Medialuna californiensis</i>	Surf.....	<i>Hypomesus pretiosus</i>
Halibut, arrowtooth.....	<i>Atheresthes stomias</i>	Topsmelt.....	<i>Atherinops affinis</i>
Halibut, California.....	<i>Paralichthys californicus</i>	Sole.....	
Halibut, Pacific.....	<i>Hippoglossus stenolepis</i>	Dover.....	<i>Microstomus pacificus</i>
Hardhead.....		English.....	<i>Parophrys vetulus</i>
Sacramento black-		Petrale.....	<i>Eopsetta jordani</i>
fish.....	<i>Orthodon microlepidotus</i>	Rex.....	<i>Glyptocephalus zachirus</i>
Hardhead.....	<i>Mylopharodon conocephalus</i>	Sand.....	<i>Psettichthys melanostictus</i>
Herring, Pacific.....	<i>Clupea pallasii</i>	Varying amounts	
Lingcod.....	<i>Ophiodon elongatus</i>	of others.....	
Mackerel, jack.....	<i>Trachurus symmetricus</i>	Splittail.....	<i>Pogonichthys macrolepidotus</i>
Mackerel, Pacific.....	<i>Pneumatophorus diego</i>	Sturgeon.....	<i>Acipenser</i> species
Opaleye.....	<i>Girella nigricans</i>	Swordfish.....	<i>Xiphias gladius</i>
Perch.....	Members of family <i>Embiotocidae</i>	Tuna.....	
Pompano, California.....	<i>Palometa simillima</i>	Albacore.....	<i>Thunnus germon</i>
Ratfish.....	<i>Hydrolagus collieri</i>	Bigeye.....	<i>Parathunnus sibi</i>
Rock bass.....		Bluefin.....	<i>Thunnus saliens</i>
Kelp bass.....	<i>Paralabrax clathratus</i>	Skipjack.....	<i>Katsuwonus pelamis</i>
Sand bass.....	<i>Paralabrax nebulifer</i>	Yellowfin.....	<i>Neothunnus macropterus</i>
Rockfish.....	All species of <i>Sebastes</i> and	Turbot.....	
<i>Sebastes</i>	<i>Sebastes</i>	Curlfin.....	<i>Pleuronichthys decurrens</i>
Sablefish.....	<i>Anoplopoma fimbria</i>	Diamond.....	<i>Hypsopsetta guttulata</i>
Salmon.....		Hornyhead.....	<i>Pleuronichthys verticalis</i>
King.....	<i>Oncorhynchus tshawytscha</i>	Small amounts of	
Silver.....	<i>Oncorhynchus kisutch</i>	others.....	
Sanddab.....	<i>Citharichthys sordidus</i>	Wahoo.....	<i>Acanthocybium solandri</i>
Sardine.....	<i>Sardinops caerulea</i>	Whitebait.....	
Sargo, California.....	<i>Anisotremus davidsoni</i>	Allosmerus elongatus	
Sculpin.....	<i>Scorpaena guttata</i>	Spirinchus starksi	
Sculpin, staghorn.....	<i>Leptocottus armatus</i>	Young of several others	
Sea bass, black.....	<i>Stereolepis gigas</i>	Whitefish, ocean.....	<i>Caulolatilus princeps</i>
		Yellowtail.....	<i>Seriola dorsalis</i>
CRUSTACEANS			
Crab.....	<i>Cancer magister</i>	Prawn.....	<i>Pandalus platyceros</i>
Crab, rock.....	<i>Cancer productus</i>	Shrimp, bay.....	<i>Crango franciscorum</i>
	<i>Cancer antennarius</i>		<i>Crango nigricauda</i>
	<i>Cancer anthonyi</i>	Shrimp, ocean.....	<i>Pandalus jordani</i>
Loebster, spiny.....	<i>Panulirus interruptus</i>	Small amounts of	
		others.....	
MOLLUSKS			
Abalone.....		Octopus.....	<i>Paroctopus appollyon</i>
Pink.....	<i>Haliotis corrugata</i>	Oyster.....	
Red.....	<i>Haliotis rufescens</i>	Eastern.....	<i>Crassostrea virginica</i>
Southern green.....	<i>Haliotis fulgens</i>	Giant Pacific.....	<i>Crassostrea gigas</i>
White.....	<i>Haliotis sorenseni</i>	Kumamoto.....	<i>Crassostrea gigas</i> var.
		Native.....	<i>Ostrea lurida</i>
Clam.....		Snail, sea.....	<i>Polinices</i> species
Gaper.....	<i>Schizothaerus nuttalli</i>		<i>Kellettia kelletii</i>
Jackknife.....	<i>Tagelus californianus</i>	Squid.....	<i>Loligo opalescens</i>
Pismo.....	<i>Tivela stultorum</i>		
Washington.....	<i>Saxidomus nuttalli</i>		

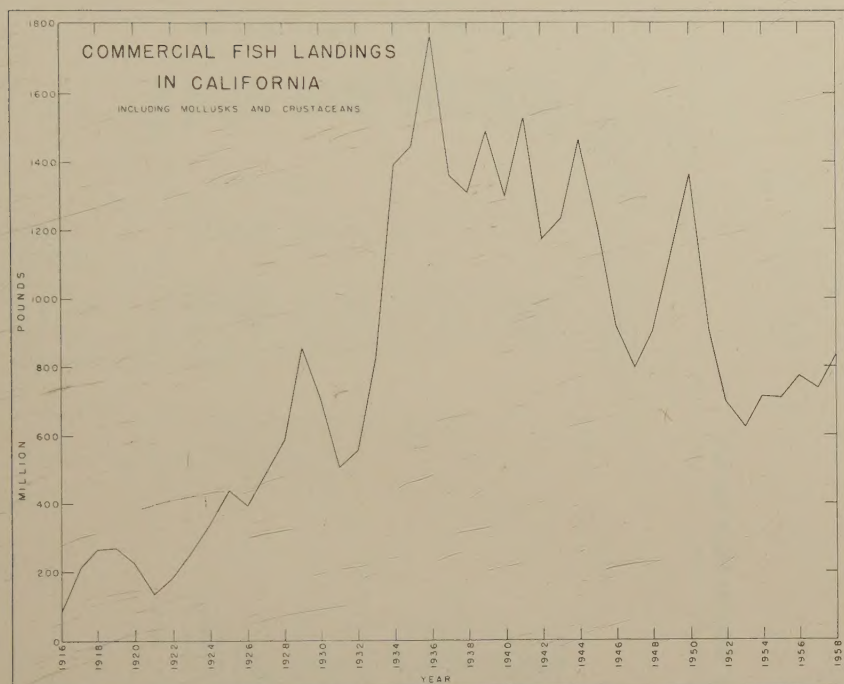


FIGURE 2. Total annual landings and shipments into California. Includes sardine deliveries to reduction ships 1930-38. See Table 2.

TABLE 2

Total Annual Landings and Shipments Into California of Commercial Fish, Mollusks, and Crustaceans
Includes Sardine Deliveries to Reduction Ships During 1930 Through 1938

Year	Thousands of pounds	Year	Thousands of pounds
1916	95,003	1941	1,529,148
1917	209,877	1942	1,173,414
1918	261,134	1943	1,234,049
1919	266,270	1944	1,459,446
1920	222,004	1945	1,216,467
1921	135,348	1946	919,850
1922	182,343	1947	795,499
1923	253,875	1948	900,540
1924	340,446	1949	1,135,325
1925	437,502	1950	1,366,596
1926	394,964	1951	904,088
1927	487,166	1952	694,977
1928	583,527	1953	618,899
1929	856,854	1954	713,406
1930	702,189	1955	710,714
1931	502,390	1956	772,549
1932	556,139	1957	738,550
1933	821,805	1958	832,919
1934	1,390,799		
1935	1,448,017		
1936	1,764,900		
1937	1,362,984		
1938	1,310,596		
1939	1,486,535		
1940	1,297,517		

TABLE 4
Licensed Commercial Fishermen

Area of residence	Number of fishermen by season ¹	
	1957-1958	1958-1959
Eureka.....	1,057	922
Sacramento.....	331	115
San Francisco.....	1,281	1,069
Monterey.....	896	777
Santa Barbara.....	571	535
Los Angeles.....	2,530	2,517
San Diego.....	2,278	2,122
Alaska, Washington and Oregon fishermen licensed in California.....	625	486
Mexican nationals licensed in California.....	15	16
Other.....	11	11
Totals.....	9,595	8,570

¹ The season is from April 1 to March 31.

TABLE 5
Number of Fishing Boats by Length

Season ¹	Up to 24 feet	25 to 39 feet	40 to 64 feet	65 to 84 feet	85 to 99 feet	100 feet and over	Total
1957-1958.....	813	1,983	1,124	150	69	116	4,255 ²
1958-1959.....	731	1,729	1,060	147	59	113	3,839 ³

¹ The season is from April 1 to March 31.

² The owners of 647 of these boats were issued fishing party licenses.

³ The owners of 586 of these boats were issued fishing party licenses.

TABLE 6
Origin of Shipments of Fresh Fish Into California During 1957

Shipped from: Species	Pounds shipped to each area				Total pounds
	San Francisco	Santa Barbara	Los Angeles	San Diego	
Continental United States:					
Miscellaneous fish.....	----	----	166,225	----	166,225
Oregon, Washington, Canada and Alaska:					
Sablefish.....	12,927	----	255,613	----	268,540
Salmon.....	800	----	174,320	----	175,120
Sturgeon.....	----	----	17,139	----	17,139
Miscellaneous fish.....	----	----	80,795	----	80,795
Mexico and Central America:					
Barracuda, California.....	----	----	547	----	547
Sea bass, black.....	----	----	28,660	----	28,660
Sierra.....	----	----	733	----	733
Tuna, bluefin.....	----	----	1,200	321,824	323,024
Tuna, skipjack.....	----	----	705	----	705
Tuna, yellowfin.....	----	----	61,680	----	61,680
Yellowtail.....	----	----	7,022	----	7,022
Miscellaneous fish.....	----	----	302	----	302
Crustacean:					
Shrimp, unclassified.....	----	5,310	----	----	5,310
Mollusk:					
Clam, Pismo.....	----	286,400	2,821,320	----	3,107,720
South America:					
Tuna, albacore.....	----	----	329,261	----	329,261
Tuna, skipjack.....	----	----	16,048,616	4,792,807	20,841,423
Tuna, yellowfin.....	----	----	2,812,584	2,182,080	4,994,664
Japan:					
Tuna, albacore.....	6,136,802	2,970	31,298,713	1,796,281	39,234,766
Tuna, bigeye.....	329,325	----	497,638	511	827,474
Tuna, skipjack.....	----	----	46,462	----	46,462
Tuna, yellowfin.....	8,191,674	160,000	30,547,194	1,078,182	39,977,050
Miscellaneous fish.....	----	----	183	----	183
China: (Formosa)					
Tuna, yellowfin.....	----	----	52,404	----	52,404
Total pounds.....	14,671,528	454,680	85,249,316	10,171,685	110,547,209

TABLE 7

Origin of Commercial Fish Landings and Shipments Into California During 1957

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Fish:						
Anchovy	40,547,526	----	----	40,547,526	----	40,547,526
Barracuda, California	387,143	----	295,523	682,666	547	683,213
Bonito	110,174	----	108,975	219,149	----	219,149
Cabezon	13,206	----	----	13,206	----	13,206
Cabrilla	----	----	81,023	81,023	----	81,023
Carp	533,126	----	----	533,126	----	533,126
Croaker, white	535,317	----	45	535,362	----	535,362
Dolphinfish	----	----	303	303	----	303
Flounder	503,552	909	----	504,461	----	504,461
Flyingfish	19,495	----	----	19,495	----	19,495
Grouper	----	----	247,688	247,688	----	247,688
Hake	1,130,978	19,018	----	1,149,996	----	1,149,996
Halibut	12,872	----	----	12,872	----	12,872
Halibut, arrowtooth	918,773	14,942	----	933,715	----	933,715
Halibut, California	332,584	----	44,231	376,815	----	376,815
Halibut, Pacific	26,206	----	----	26,206	----	26,206
Hardhead	44,595	----	----	44,595	----	44,595
Herring, Pacific	1,188,080	----	----	1,188,080	----	1,188,080
Lingcod	1,613,613	25,681	360	1,639,654	----	1,639,654
Mackerel, jack	82,011,785	----	----	82,011,785	----	82,011,785
Mackerel, Pacific	62,043,775	----	----	62,043,775	----	62,043,775
Opaleye	3,138	----	2,060	5,198	----	5,198
Perch	245,028	----	600	245,628	----	245,628
Pompano, California	76,750	----	----	76,750	----	76,750
Ratfish	11,595	----	----	11,595	----	11,595
Rock bass	----	----	2,826	2,826	----	2,826
Rockfish	15,912,382	100,928	77,969	16,091,279	----	16,091,279
Sablefish	2,132,185	67,597	----	2,199,782	268,540	2,468,322
Salmon	5,498,733	----	----	5,498,733	175,120	5,673,853
Sanddab	691,183	900	----	692,083	----	692,083
Sardine	45,861,931	----	175	45,862,106	----	45,862,106
Saury	117,850	----	----	117,850	----	117,850
Sculpin	73,268	----	----	73,268	----	73,268
Sculpin, staghorn	1,605	----	----	1,605	----	1,605
Sea bass, black	9,302	----	233,051	242,353	28,660	271,013
Seabass, white	1,261,955	----	245,140	1,507,095	----	1,507,095
Seatrout, greenling	1,826	----	----	1,826	----	1,826
Shad	448,048	----	----	448,048	----	448,048
Shark	709,473	----	19,427	728,900	----	728,900
Sheep-head	10,970	----	63	11,033	----	11,033
Sierra	----	----	457	457	733	1,190
Skate	171,678	----	----	171,678	----	171,678
Smelt	371,472	----	----	371,472	----	371,472
Sole, Dover	6,950,691	981,446	----	7,932,137	----	7,932,137
Sole, English	4,779,198	40,674	----	4,819,872	----	4,819,872
Sole, petrale	3,267,741	188,992	----	3,456,733	----	3,456,733
Sole, rex	1,225,232	9,170	----	1,234,402	----	1,234,402
Sole, sand	56,061	----	----	56,061	----	56,061
Sole, miscellaneous	28,430	----	----	28,430	----	28,430
Splittail	377	----	----	377	----	377
Sturgeon	----	----	----	----	17,139	17,139
Swordfish	374,345	----	1,641	375,986	----	375,986
Tuna, albacore	22,613,429	----	20,911,816	43,525,245	39,564,027	83,089,272
Tuna, bigeye	----	----	443	443	827,474	827,917
Tuna, bluefin	10,462,564	----	9,851,982	20,314,546	323,024	20,637,570
Tuna, skipjack	353,455	----	90,194,258	90,547,713	20,888,590	111,436,303
Tuna, yellowfin	70,853	----	136,864,984	136,955,837	45,085,798	182,041,635
Turbot	96,055	----	----	96,055	----	96,055
Wahoo	----	----	23,477	23,477	----	23,477
Whitebait	243,600	----	----	243,600	----	243,600
Whitefish, ocean	304	----	530	834	----	834
Yellowtail	150,898	----	358,053	508,951	7,022	515,973
Miscellaneous fish	11,198	----	192	11,390	247,505	258,895

TABLE 7—Continued
Origin of Commercial Fish Landings and Shipments Into California During 1957

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Crustacean:						
Crab.....	19,118,484	----	----	19,118,484	----	19,118,484
Crab, rock.....	151,131	----	----	151,131	----	151,131
Lobster, spiny.....	647,281	----	266	647,547	----	647,547
Prawn.....	767	----	----	767	----	767
Shrimp, bay.....	192,814	----	----	192,814	----	192,814
Shrimp, ocean.....	1,373,829	2,812	----	1,376,641	----	1,376,641
Shrimp, unclassified.....	----	----	----	----	5,310	5,310
Mollusk:						
Abalone.....	5,421,914	----	----	5,421,914	----	5,421,914
Clam, gaper.....	300	----	----	300	----	300
Clam, jackknife.....	12,358	----	----	12,358	----	12,358
Clam, Pismo.....	----	----	----	----	3,107,720	3,107,720
Clam, Washington.....	3,599	----	----	3,599	----	3,599
Octopus.....	30,920	----	----	30,920	----	30,920
Oyster, eastern.....	119,834	----	----	119,834	----	119,834
Oyster, giant Pacific.....	11,067,646	----	----	11,067,646	----	11,067,646
Oyster, Kumamoto.....	16,840	----	----	16,840	----	16,840
Oyster, native.....	87,369	----	----	87,369	----	87,369
Sea snail.....	582	----	----	582	----	582
Squid.....	12,449,121	----	----	12,449,121	----	12,449,121
Miscellaneous mollusk.....	156	----	----	156	----	156
Total pounds.....	366,962,548	1,453,069	259,587,558	628,003,175	110,547,209	738,550,384

¹ For origin of shipments refer to Table 6.

TABLE 8
Monthly Landings and Shipments Into California During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Fish:													
Anchovy	5,825,365	6,122,318	4,630,145	5,116,960	5,730,738	3,684,695	4,254,161	2,598,469	476,100	1,060,055	667,180	381,310	40,547,526
Barracluda, California	35,672	37,966	46,440	35,403	72,024	73,683	21,034	75,741	80,905	59,578	60,317	33,897	682,666
Bonito	17,958	9,380	14,341	24,765	3,890	1,769	4,339	856	22,321	12,203	27,798	79,514	219,119
Cabezon	408	1,556	1,411	365	1,463	1,338	515	748	2,217	1,040	944	1,241	13,206
Cabrilla	11,515	16,295	10,996	---	27,155	395	---	---	---	---	---	14,667	81,023
Carp	68,570	64,725	48,508	70,041	43,791	13,934	20,574	34,348	19,487	58,490	51,700	38,958	533,126
Croaker, white	47,165	45,683	57,287	28,863	32,299	47,159	32,988	77,480	32,659	32,972	48,091	52,415	535,362
Dolphinfish	186	---	---	---	117	---	---	---	---	---	---	---	303
Flounder	57,919	83,307	70,163	60,084	53,529	45,513	19,925	28,787	39,245	13,506	13,275	13,205	501,461
Flyingfish	---	---	---	---	983	8,072	4,743	4,458	1,239	---	---	---	19,495
Grouper	49,619	53,257	19,202	110	13,555	18,205	6,250	---	---	1,745	17,965	67,779	247,698
Hake	32,453	64,553	51,685	67,663	204,558	156,551	137,336	180,088	101,904	99,830	8,662	31,703	1,149,996
Halfmoon	1,480	3,930	5,305	5,305	340	269	---	1,000	30	---	---	---	12,872
Halibut, arrowtooth	32,715	44,176	57,913	59,484	148,644	150,267	115,351	156,787	96,079	45,544	7,429	19,326	933,715
Halibut, California	37,110	32,638	69,966	48,338	26,742	6,882	37,276	39,605	13,307	21,033	17,360	26,508	376,915
Halibut, Pacific	7,358	6,322	8,533	1,777	2,786	12,811	3,763	5,482	1,364	---	---	---	26,203
Headhead	303,639	267,784	7,555	162,412	175,385	73,291	142,119	47,135	---	3,296	11,028	4,750	44,595
Herring, Pacific	67,669	107,001	49,884	81,625	157,471	174,872	205,646	270,422	234,177	120,451	92,912	7,524	1,188,030
Lingcod	16,473,444	17,945,773	8,729,330	4,607,295	2,989,277	4,646,776	1,083,699	3,270,014	2,958,594	9,711,172	9,350,030	245,381	82,011,765
Mackerel, jack	---	---	---	---	---	---	---	---	---	---	---	---	---
Mackerel, Pacific	4,855,889	7,248,388	756,240	1,226,155	1,349,788	1,789,507	1,458,743	9,636,054	1,921,151	14,995,082	13,254,587	3,549,210	62,043,775
Opaleye	702	1,519	275	1,300	200	13	---	---	---	476	13	700	5,198
Perch	10,229	17,692	34,614	58,418	14	4,107	27,569	43,700	16,164	14,980	10,968	11,280	245,628
Pompano, California	987	5,524	8,700	8,967	5,012	---	7,360	7,112	3,034	14,922	5,828	5,137	76,750
Ratfish	---	---	3,720	4,875	2,900	---	---	---	---	---	100	---	11,595
Rock bass	2,418	---	---	408	---	---	---	---	---	---	---	---	2,826
Rockfish	1,361,889	1,279,967	1,648,334	1,522,334	1,331,103	1,179,003	1,329,928	1,314,821	1,449,198	1,231,451	1,144,917	1,295,301	16,091,279
Salmon	129,739	148,094	242,651	178,922	187,377	190,150	175,093	251,403	261,158	163,312	137,076	131,808	2,199,782
Salmonfish	4,467	2,058	337	120,872	1,453,539	389,892	379,892	975,809	544,324	544,324	544,324	544,324	5,498,733
Salmon	70,899	66,755	76,541	62,961	43,341	59,687	71,400	64,943	53,330	63,274	28,627	36,324	692,083
Sanddab	---	---	---	---	---	---	---	---	---	---	---	---	---
Sardine	1,454,174	419,880	39,888	215,483	419,106	355,854	270,238	473,545	11,615,031	12,633,182	13,195,261	4,770,461	45,862,105
Sauri	117,850	---	426	1,520	3,644	16,191	21,932	13,003	4,977	1,020	3,723	4,723	17,850
Sculpin	1,233	876	95	95	---	---	---	---	80	---	---	---	73,268
Sculpin, staghorn	155	105	---	---	---	---	---	---	---	---	---	---	210
Sea bass, black	18,416	36,034	17,473	16,509	8,211	36,972	10,672	---	4,279	22,081	27,059	43,801	242,353

TABLE 8—Continued
Monthly Landings and Shipments Into California During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Seabass, white	21,427	65,190	31,743	30,233	44,874	36,731	205,218	437,843	217,384	165,779	119,573	131,040	1,507,085
Searout, greenling	12	---	---	---	25	50	58	---	287	315	391	241	1,826
Shad	---	---	---	85,511	392,327	210	---	---	---	---	---	---	448,048
Shark	130,734	50,096	110,146	119,311	63,651	54,727	33,494	17,907	39,721	43,632	35,041	30,440	728,900
Sheep-head	1,001	649	23	292	---	265	257	27	340	1,417	4,421	2,341	11,033
Sierra	457	---	---	---	---	---	---	---	---	---	---	---	457
Skate	25,663	15,111	22,264	24,087	18,717	5,500	7,700	11,026	4,022	9,615	8,585	19,185	171,678
Snelt	14,860	7,223	18,030	20,123	14,735	38,216	76,981	72,334	65,507	23,931	11,131	11,131	371,472
Sole, Dover	47,370	144,889	490,352	388,636	947,352	1,013,341	1,122,899	1,380,849	1,098,063	688,839	412,042	237,679	7,952,137
Sole, English	429,347	427,870	373,724	283,900	331,120	317,967	312,515	457,546	526,465	521,628	385,618	455,572	4,819,872
Sole, petrale	242,375	197,876	188,242	142,968	257,525	284,372	288,529	430,200	401,331	236,374	324,995	450,046	3,456,733
Sole, rex	135,538	119,180	102,546	100,362	109,927	77,501	72,779	116,661	111,850	93,333	83,318	111,204	1,234,402
Sole, sand	3,565	4,202	3,047	3,750	9,330	1,188	5,065	15,522	6,161	685	850	2,695	36,061
Sole, miscellaneous	2,832	2,005	874	2,082	770	194	4,647	9,059	472	181	483	4,811	28,430
Splittail	135	192	---	---	---	---	---	---	---	---	---	---	377
Swordfish	---	---	---	---	---	---	24,448	94,193	144,727	99,642	---	---	375,086
Tuna, albacore	429,120	58,705	11,005	370	---	511,799	9,443,504	10,857,967	12,971,541	7,045,428	1,836,270	527,746	43,955,243
Tuna, bigeye	---	---	---	---	---	---	---	---	---	---	---	---	---
Tuna, bluefin	116	260,047	5,552	---	36	1,514,600	7,051,655	9,702,222	1,414,552	335,609	67	---	20,314,546
Tuna, skipjack	11,910,812	7,962,511	3,465,649	3,347,006	4,635,905	6,894,707	9,704,075	8,708,011	13,442,023	10,474,302	5,150,544	4,851,268	90,347,713
Tuna, yellowfin	10,034,368	10,182,963	13,725,763	18,412,921	19,898,093	18,373,219	10,308,896	6,491,860	9,205,440	8,987,357	5,413,268	6,821,169	136,955,837
Turbot	11,818	6,738	8,016	9,443	8,502	4,324	2,903	9,670	5,401	10,506	6,981	11,754	93,067
Wahoo	4,642	---	---	12,722	347	4,057	576	665	468	---	---	---	23,477
Whitebait	19,623	24,547	30,090	41,017	55,638	30,968	26,332	11,601	1,974	329	---	---	245,000
Whitfish, ocean	---	---	---	---	700	---	119	---	---	---	15	---	834
Yellowtail	31,150	83,677	94,563	60,140	47,804	86,157	1,332	4,660	38,540	35,384	11,917	13,607	508,951
Miscellaneous fish	---	85	8	492	441	556	280	48	4,383	80	4,575	442	11,300
Crustacean:	---	---	---	---	---	---	---	---	---	---	---	---	---
Crab	2,878,702	2,865,791	2,970,553	2,746,681	1,979,115	1,100,388	15,337	16,153	17,255	11,937	1,780,279	2,787,975	19,118,484
Cray rock	---	---	---	---	---	---	---	---	---	---	---	---	---
Crab, rock	14,454	10,080	7,354	12,568	10,275	10,764	---	---	---	---	---	---	151,131
Poster, spiny	79,788	69,211	26,903	7,264	---	---	---	---	---	---	---	---	617,537
Prawn	193	31	30	25	---	---	15	56	---	87	---	76	767
Shrimp	---	---	---	---	---	---	---	---	---	---	---	---	---
Shrimp, bay	40,433	21,600	21,083	17,613	10,125	26,100	8,792	13,274	17,566	10,810	2,505	2,983	192,814
Shrimp, ocean	---	---	---	---	324,622	204,510	117,479	435,793	249,297	44,940	---	---	1,376,641

Mollusk:													
Abalone.....	150,137	203,155	536,321	502,583	595,753	491,019	551,388	579,031	493,381	693,266	525,980	5,421,914	300
Clam, gaper.....	40	20	949	20	2,330	2,221	1,749	877	410	330	287	12,358	358
Clam, jackknife.....	195	710	541	1,780	2,330	2,221	1,749	155	277	381	358	3,599	30,920
Clam, Washington.....	376	503	541	1,007	1,007	1,007	1,007	1,686	2,106	2,170	3,496	119,834	11,067,646
Octopus.....	6,765	4,567	1,847	1,702	800	2,502	1,917	11,979	7,606	9,314	10,349	985,639	16,840
Oyster, eastern.....	10,260	12,069	7,283	10,917	9,374	9,437	10,109	392,987	1,284,682	1,427,596	2,170	8,884	45
Oyster, giant Pacific.....	1,597,057	1,317,025	1,230,546	998,597	389,441	33,908	50,290	4,678	12,221	7,565	8,884	87,369	582
Oyster, Kumamoto.....	7,357	9,114	369	14,522	6,807	728	1,031	97	67	45	24,820	12,449,121	156
Oyster, native.....	7,95	213	13,086	17,539	6,807	728	1,031	179,935	70,330,204	56,122,759	29,147,138	628,003,175	547
Sea snail.....	77,115	884,330	17,855	2,504,195	2,517,225	4,726,151	1,113,455	61,111,786	70,330,204	56,122,759	29,147,138	628,003,175	547
Squid.....	22	23	34	14	14	63	63	63	63	63	63	63	63
Miscellaneous mollusk.....	59,459,414	59,023,086	41,461,535	47,416,631	49,180,466	53,954,505	60,437,703	61,111,786	70,330,204	56,122,759	29,147,138	628,003,175	547
Total pounds.....	59,459,414	59,023,086	41,461,535	47,416,631	49,180,466	53,954,505	60,437,703	61,111,786	70,330,204	56,122,759	29,147,138	628,003,175	547
Fish:													
Baracuda, California.....	15,391	45,006	17,250	42,200	4,957	56,011	72,000	90,039	20,170	248	38,644	298,540	175,120
Sablefish.....	30,200	2,080	733	733	733	733	733	733	733	733	733	733	733
Sea bass, black.....	1,835	6,166,864	5,028,457	1,316,456	1,407,381	3,386,719	7,097,065	1,218,765	1,568,572	2,684,169	3,458,727	39,564,027	45,663
Sturgeon.....	1,218,375	5,012,447	72,618	49,856	73,457	163,627	253,062	90,039	20,170	248	38,644	298,540	175,120
Tuna, albacore.....	58,922	310,447	3,996,411	1,324,221	2,822,842	2,638,002	1,091,983	1,163,995	1,459,281	1,995,737	272,512	323,024	323,024
Tuna, bigeye.....	3,996,411	310,447	3,996,411	1,324,221	2,822,842	2,638,002	1,091,983	1,163,995	1,459,281	1,995,737	272,512	323,024	323,024
Tuna, bluefin.....	5,443,913	2,657,089	4,014,520	2,956,698	3,504,646	5,422,777	4,844,366	2,956,523	1,395,478	2,625,089	4,472,982	45,085,798	7,022
Tuna, skipjack.....	45	102,345	335	870	1,901	9,815	10,690	66,210	34,305	8,306	7,610	247,505	5,310
Tuna, yellowfin.....	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
Yellowtail.....	144,480	122,160	150,000	7,680	95,280	729,000	92,160	14,400	1,392,240	112,080	87,840	3,107,720	110,547,209
Miscellaneous fish.....	10,878,657	8,281,529	11,965,409	5,697,981	7,911,637	12,799,290	13,461,436	5,510,102	5,906,860	7,433,017	8,394,647	110,547,209	738,550,384
Crustacean:	70,338,071	67,304,615	53,771,179	53,114,612	57,092,103	66,753,795	73,899,139	66,621,868	76,237,064	63,555,776	37,541,785	738,550,384	738,550,384
Shrimp, unclassified.....	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
Mollusk:	144,480	122,160	150,000	7,680	95,280	729,000	92,160	14,400	1,392,240	112,080	87,840	3,107,720	110,547,209
Clam, Pismo.....	10,878,657	8,281,529	11,965,409	5,697,981	7,911,637	12,799,290	13,461,436	5,510,102	5,906,860	7,433,017	8,394,647	110,547,209	738,550,384
Total pounds.....	70,338,071	67,304,615	53,771,179	53,114,612	57,092,103	66,753,795	73,899,139	66,621,868	76,237,064	63,555,776	37,541,785	738,550,384	738,550,384
Grand total.....	70,338,071	67,304,615	53,771,179	53,114,612	57,092,103	66,753,795	73,899,139	66,621,868	76,237,064	63,555,776	37,541,785	738,550,384	738,550,384

¹ For origin of shipments refer to Table 6.

TABLE 9
Monthly Landings of Commercial Fishing Boats in the Eureka Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	---	---	100	---	---	---	---	980	---	---	---	---	980
Cabezon.....	---	---	---	---	---	---	---	---	---	---	---	---	100
Croaker, white.....	8,701	17,489	3,483	4,647	21,319	9,063	220	12,755	32,716	5,931	9,031	5,277	220
Flounder.....	31,273	54,763	39,715	40,061	174,588	139,254	107,133	160,788	92,348	95,230	4,387	31,263	132,977
Hake.....	---	---	---	---	---	---	---	---	---	---	---	---	970,803
Halibut, arrowtooth.....	32,485	43,581	54,342	50,356	144,932	145,268	109,737	150,954	95,029	44,889	7,209	19,326	898,108
Halibut, Pacific.....	---	---	---	---	2,786	12,811	3,763	5,482	1,364	---	---	---	26,206
Herring, Pacific.....	19,672	8,200	---	---	---	---	4,462	1,230	---	---	---	8,706	42,270
Lingcod.....	29,335	51,591	13,439	23,148	95,160	106,452	107,376	213,112	182,668	58,542	34,233	36,678	954,734
Mackerel, jack.....	---	---	---	---	---	---	---	---	320	---	---	---	320
Perch.....	5,094	9,274	16,704	20,565	---	---	20,091	39,606	13,668	10,699	6,715	8,024	150,440
Rockfish.....	115,103	193,068	397,597	278,066	351,288	329,804	406,736	499,463	562,043	195,266	178,547	186,692	3,693,673
Sablefish.....	46,793	80,778	63,072	58,869	94,314	116,511	110,343	219,202	192,471	107,288	112,885	100,645	1,303,171
Salmon.....	---	---	---	18,923	661,123	1,291,021	256,131	839,618	257,295	---	---	---	3,324,111
Sanddab.....	9,105	20,345	17,023	9,269	11,358	23,711	22,507	34,622	24,584	22,090	5,549	6,555	206,718
Shark.....	110	572	20	---	---	---	---	---	1,724	1,752	2,939	2,864	9,981
Skate.....	---	---	---	---	2,837	---	---	---	---	200	---	---	3,037
Smelt.....	73	76	41	1,982	2,812	7,524	83,706	32,635	25,121	4,333	---	---	108,303
Sole, Dover.....	43,872	105,150	92,927	123,068	729,077	811,802	975,319	1,251,478	1,056,446	662,671	388,064	165,514	6,405,388
Sole, English.....	180,035	227,028	157,872	108,053	167,900	193,316	172,142	244,652	302,815	253,173	184,232	239,406	2,430,624
Sole, petrale.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Sole, rex.....	159,883	94,614	73,794	59,077	122,453	140,063	131,406	235,016	280,195	110,497	176,331	316,780	1,909,109
Sole, sand.....	45,040	48,191	39,114	44,631	76,506	61,395	65,126	95,600	83,865	51,256	39,515	51,055	701,324
Sole, miscellaneous.....	134	1,080	987	655	102	98	---	187	1,486	---	---	---	4,729
Tuna, albacore.....	134	1,710	---	1,485	---	---	---	---	---	30	---	1,608	4,967
Tuna, bluefin.....	---	---	---	---	---	---	2,969	13,805	993,928	1,313,529	9,097	---	2,333,328
Tuna, bluefin.....	---	---	---	---	---	---	---	---	---	---	---	---	85
Turbot.....	808	398	2,429	909	232	277	80	292	1,014	---	---	1,140	7,759
Whitebait.....	4,063	8,329	12,124	27,111	35,860	22,836	20,372	3,886	27	---	---	542	135,150
Miscellaneous fish.....	---	---	---	---	26	---	---	33	4,340	---	4,205	440	9,044

Crustacean:		636,935	1,449,000	2,471,384	2,503,039	1,817,779	1,097,931	44,609	435,793	249,237	44,940	227,940	10,204,008
Crab.....		---	---	---	---	97,499	50,937	---	---	---	---	---	923,075
Shrimp, ocean.....		---	---	---	---	---	---	---	---	---	---	---	---
Mollusk:		376	1,007	503	541	---	---	---	---	155	277	358	3,599
Clam, Washington.....		170	1,385	306	100	---	130	755	245	50	---	560	3,701
Octopus.....		1,341,120	1,163,140	1,266,100	1,039,120	994,920	343,200	---	---	342,980	1,111,680	681,925	9,400,135
Oyster, giant Pacific.....		7,252	9,114	---	---	---	---	---	---	---	---	---	16,366
Oyster, Kumamoto.....		---	---	12,691	16,660	13,600	5,610	---	---	4,250	11,700	7,995	78,746
Oyster, native.....		---	---	---	---	---	---	---	---	---	---	---	---
Total pounds.....		2,717,566	3,592,883	4,735,767	4,490,335	5,588,471	4,909,014	2,604,518	4,491,434	4,802,200	4,115,108	2,218,640	46,397,289
Waters north of State:		---	---	---	---	---	---	---	---	---	---	---	---
Fish:		---	---	---	---	---	---	---	---	---	---	---	---
Flounder.....		---	80	---	---	---	2,177	853	654	3,346	---	175	909
Hake.....		---	---	3,500	5,642	---	---	---	3,500	---	---	---	19,018
Haitbut, arrowtooth.....		---	---	2,766	8,000	---	---	---	4,176	---	---	---	14,942
Lingcod.....		20	272	183	8,352	1,893	3,587	1,166	8,417	959	---	260	28,681
Rockfish.....		1,082	6,832	12,018	15,824	7,180	10,560	5,196	17,691	12,868	---	1,279	100,928
Sablefish.....		722	1,438	9,224	9,004	5,638	11,003	13,870	10,780	891	---	856	67,597
Sanddab.....		---	70	70	340	---	---	---	355	---	---	65	900
Sole, Dover.....		3,468	28,889	137,017	142,663	146,195	170,988	139,210	118,749	28,498	---	16,414	49,355
Sole, English.....		---	2,020	1,559	5,991	2,298	2,343	428	11,959	1,431	---	8,583	981,446
Sole, petrale.....		6,144	490	1,986	6,034	21,508	19,299	2,928	98,558	10,040	---	416	40,674
Sole, rex.....		---	---	185	1,317	1,302	1,626	60	3,305	95	---	530	188,992
Crustacean:		---	---	---	---	---	---	---	---	---	---	---	9,170
Shrimp, ocean.....		---	---	---	---	---	562	2,250	---	---	---	---	---
Total pounds.....		11,436	40,031	168,508	203,227	188,014	222,145	165,957	278,144	58,128	---	60,535	1,455,069
Grand total.....		2,723,002	3,632,974	4,904,275	4,693,562	5,774,485	5,131,159	2,770,505	4,769,578	4,860,328	4,115,108	2,307,524	47,853,358

TABLE 10
Monthly Landings of Commercial Fishing Boats in the Sacramento Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Carp	68,570	64,725	48,508	70,041	43,791	13,934	20,574	34,348	19,487	58,490	51,700	38,958	533,126
Flounder	7,358	6,322	8,533	1,089	1,421	62	---	48	---	3,296	11,028	4,750	1,089
Hardhead	4,467	2,058	337	1,777	22,193	1,085	---	26,936	256,557	---	---	---	44,595
Salmon	---	---	---	85,511	362,327	210	---	---	---	---	---	---	321,824
Shad	---	---	---	---	---	---	---	---	---	---	---	---	448,018
Splittail	185	192	---	---	---	---	---	---	---	---	---	---	377
Grand total	80,580	73,297	57,378	166,659	429,732	15,291	22,574	61,332	276,044	61,786	62,728	43,708	1,349,059

TABLE 11
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California Waters:													
Fish:													
Anchovy	---	---	250	---	36	---	1,425	2,650	6,060	---	---	---	10,135
Capezon	---	---	---	---	---	---	---	---	---	---	---	---	286
Croaker, white	152	210	---	---	399	57	257	2,144	62	126	6	---	3,373
Flounder	29,076	58,255	62,639	52,815	30,733	36,220	9,772	13,448	5,266	7,285	7,898	7,180	321,262
Hake	---	---	---	3,895	1,500	---	---	---	---	1,800	---	775	10,370
Halibut, arrowtooth	230	565	805	1,128	3,712	4,999	5,614	1,657	1,050	655	220	2,681	20,665
Halibut, California	3,547	3,649	10,990	317	862	194	536	61	303	676	391	---	14,310
Herring, Pacific	283,525	299,634	4,065	140	---	---	---	---	---	---	84	---	537,708
Langcod	10,212	16,243	22,773	30,952	28,958	34,285	48,442	18,321	26,061	44,353	19,025	10,126	310,251
Markel, jack	---	1,200	---	---	---	---	---	205	2,805	---	---	---	4,210
Perch	928	3,310	9,893	13,868	---	---	2,056	2,590	1,418	2,181	2,885	886	40,035
Rockfish	444,098	368,177	412,158	221,571	78,841	50,355	80,626	38,386	106,812	293,116	278,607	441,519	2,877,736
Sablefish	30,952	28,896	126,588	78,741	38,676	78,352	23,320	7,644	11,800	30,392	12,442	14,355	423,486
Salmon	---	---	---	52,534	265,102	828,642	98,086	77,212	26,988	---	---	---	1,308,864
Sanddab	51,585	26,605	40,170	29,980	16,641	21,246	28,027	16,362	20,075	31,090	19,690	10,455	324,126
Sculpin, staghorn	175	105	95	55	---	---	---	---	80	300	555	210	1,605
Seabass, white	---	---	---	---	---	---	34	2,061	1,130	22	---	---	3,227
SeatROUT, greenling	12	---	---	---	---	---	53	---	---	---	38	---	708
Shark	6,495	4,875	1,455	693	811	1,030	3,758	7,556	13,158	8,312	2,965	3,335	54,400
Skate	8,960	7,905	17,275	19,465	13,700	5,400	7,500	9,250	3,000	8,365	6,600	11,000	118,080
Smelt	3,736	4,870	14,753	11,071	10,552	12,903	20,605	24,760	24,290	10,171	294	710	139,615
Sole, Dover	180	10,590	220,353	220,340	71,432	21,685	7,740	10,618	13,119	24,013	7,564	22,510	524,324
Sole, English	129	123	136,376	100,722	100,090	83,078	68,565	128,006	137,436	203,403	159,791	161,828	1,621,511
Sole, petrale	34,303	40,464	60,692	94,725	38,498	63,153	97,020	36,195	33,870	60,608	88,898	98,862	682,259
Sole, rex	69,725	49,895	43,525	30,364	23,145	8,946	4,080	9,740	20,580	32,942	34,135	39,293	366,770
Sole, sand	2,760	2,893	2,060	3,095	9,298	1,090	5,035	15,335	4,675	695	850	2,430	50,166
Sole, miscellaneous	130	---	---	---	133	8	4,135	---	---	---	---	---	1,156
Turbot	10,493	---	---	---	---	---	---	45,210	753,325	829,201	897,536	9,721	2,465,283
Turbot, bore	---	---	---	---	---	---	---	---	---	---	---	---	---
Whitefish	10,850	4,819	15,361	13,741	15,096	3,530	2,408	8,550	3,980	7,493	3,820	6,816	71,402
Miscellaneous fish	---	---	---	100	---	4,788	5,351	832	633	80	370	2	71,817
								15	35				602

TABLE 11—Continued
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab	2,157,886	1,365,185	449,825	195,594	141,757	2,417	8,722	13,274	17,566	10,810	1,746,561	2,500,687	8,559,912
Shrimp, bay	40,433	21,600	21,083	17,613	10,125	26,100	70,620	---	---	---	2,505	2,983	192,814
Shrimp, ocean	---	---	---	---	227,123	152,751	---	---	---	---	---	---	450,494
Mollusk:													
Octopus	---	---	1,850	950	2,750	3,225	3,075	1,425	1,825	650	925	550	17,235
Crab, eastern	918	307	576	661	460	371	900	44	297	996	472	165	6,167
Oyster, eastern	10,260	12,069	11,137	7,283	10,917	9,371	9,437	10,109	11,979	7,606	9,314	10,319	119,834
Oyster, Klamath Pacific	76,062	42,910	19,343	34,926	14,202	16,441	12,883	18,665	18,642	22,477	58,371	52,839	387,861
Oyster, Klamath	105	---	369	---	---	---	---	---	---	---	---	---	474
Oyster, native	95	213	395	879	922	1,197	728	1,031	428	521	1,325	889	8,623
Miscellaneous mollusk	22	23	---	84	---	14	63	---	---	---	---	---	156
Total pounds	3,471,967	2,470,854	1,700,822	1,093,077	1,170,245	1,415,781	594,455	527,289	1,287,817	1,644,732	3,294,075	3,419,698	22,091,112
Waters South of State:													
Fish:													
Tuna, skipjack	---	84,916	---	---	---	---	---	---	---	---	---	---	84,916
Tuna, yellowfin	---	648,194	---	---	---	---	---	---	---	---	---	---	648,194
Total pounds	---	733,110	---	---	---	---	---	---	---	---	---	---	733,110
SHIPMENTS:¹													
Fish:													
Salblefish	5,066	7,861	---	---	---	---	---	---	---	---	---	---	12,927
Salmon	---	200	---	---	---	---	---	---	---	---	---	---	800
Tuna, albacore	1,122,487	573,707	777,940	384,710	116,800	392,791	687,895	463,680	203,316	450,138	297,106	666,232	6,136,802
Tuna, bigeye	---	---	---	---	---	---	101,923	152,370	9,710	20,170	---	---	328,325
Tuna, yellowfin	398,314	265,424	746,144	1,131,222	1,069,857	850,661	1,048,207	646,804	565,125	240,630	395,992	833,234	8,191,674
Total pounds	1,825,867	847,192	1,524,684	1,515,932	1,186,657	1,243,452	1,838,025	1,262,914	778,151	710,938	693,098	1,544,618	14,671,528
Grand total	4,997,834	4,051,156	3,225,506	2,609,009	2,356,902	2,659,233	2,432,480	1,790,203	2,065,968	2,355,670	3,987,173	4,964,616	37,495,750

¹ For origin of shipments refer to Table 6.

TABLE 12
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy	11,600	46,568	19,850	374,120	300,810	106,600	62,744	554,829	5,200	---	3,500	---	1,485,821
Bontito	---	---	---	---	---	---	---	---	---	---	---	---	100
Cabazon	348	1,541	1,055	347	1,217	1,216	493	374	1,527	818	535	945	10,416
Croaker, white	1,835	1,769	1,346	2,373	5,847	34,438	23,808	12,792	24,627	14,498	17,271	3,697	144,301
Flounder	19,542	7,453	2,108	1,403	1,357	150	323	1,825	1,263	290	3,219	5,802	44,735
Hake	---	9,790	8,470	18,065	28,480	25,120	29,350	13,400	6,210	2,800	4,275	2,665	149,805
Halibut, California	7,982	2,204	692	22	172	181	21,338	1,548	2,448	107	762	1,725	19,981
Herring, Pacific	---	---	3,500	162,012	175,385	73,291	137,657	45,905	18,884	13,329	20,408	12,291	597,792
Lingcod	14,407	21,677	4,813	10,302	18,949	16,849	40,944	19,703	18,884	1,855,365	9,730	2,238	232,556
Mackerel, jack	10,895	---	7,930	34,607	11,471	10,171	319,629	302,118	425,263	---	---	---	2,319,417
Mackerel, Pacific	---	---	---	---	---	---	302	350	470	380	---	---	1,502
Perch	1,913	747	2,752	20,542	14	14	4,256	926	34	227	270	506	32,187
Pompano, California	---	---	---	---	352	1,583	5,272	3,743	559	95	---	---	12,469
Ratfish	---	---	3,720	4,875	2,900	---	---	---	---	---	100	---	11,595
Rockfish	533,204	475,463	396,830	443,626	593,271	473,857	600,115	447,419	458,510	427,530	322,055	299,268	5,471,248
Sablefish	50,025	36,784	43,334	15,066	45,071	43,864	25,350	12,676	55,776	25,557	10,915	15,537	379,955
Salmon	---	---	---	32,178	168,062	151,511	52,607	22,849	4,008	6,979	2,429	---	431,215
Sanddab	5,251	16,969	17,876	20,371	12,336	12,685	18,970	11,910	7,398	---	---	---	140,151
Sardine	---	---	---	---	---	7,614	17,453	7,005	---	---	---	---	32,072
Seabass, white	33	48	188	43	20	88	1,420	3,181	88,951	68,186	30,675	5,122	197,955
Seatrout, greenling	---	---	---	---	25	---	---	---	43	110	75	28	281
Shark	104,364	9,229	80,917	61,802	6,325	927	4,694	1,037	4,804	1,750	1,923	2,044	279,816
Skate	16,843	6,985	3,836	4,820	1,600	400	200	1,776	1,022	1,950	1,645	6,135	46,332
Smelt	9,147	1,604	1,286	260	1,116	17,214	21,073	13,588	14,557	7,728	6,502	1,995	96,050
Sole, Dover	---	---	35	2,565	170	5,646	630	---	---	1,255	---	---	10,301
Sole, English	40,190	48,241	47,734	48,529	37,581	33,050	64,757	57,595	39,047	46,982	14,702	20,038	498,446
Sole, petrale	3,514	8,746	8,089	13,017	12,458	17,271	21,966	19,282	17,007	21,477	8,294	6,474	157,795
Sole, rex	7,335	12,805	7,816	11,742	2,917	4,453	2,890	3,243	1,875	3,960	1,710	3,516	64,262
Sole, sand	---	230	---	---	---	---	---	---	---	---	---	265	495
Sole, miscellaneous	2,415	85	374	498	516	45	314	8,905	317	116	300	---	16,996
Swordfish	---	---	---	---	---	---	---	---	345	652	---	---	997
Tuna, albacore	---	---	---	---	---	---	8,697	79,323	1,166,758	796,022	77,349	3,133	2,121,882
Turbot	68	---	380	380	467	482	415	---	75	---	---	---	1,997
Whitebait	4,710	11,399	2,602	165	4,982	3,344	629	6,883	1,314	265	---	640	36,633
Miscellaneous fish	---	85	---	---	---	---	---	---	---	---	---	---	85

TABLE 12—Continued
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab	12,543	12,119	10,356	7,209	3,489	40	---	---	---	---	21,252	26,784	93,792
Prawn	193	31	30	26	---	---	15	56	56	87	198	76	757
Mollusk:													
Abalone	---	---	---	---	1,145	---	---	---	---	---	1,100	---	2,245
Clam	40	---	20	---	20	40	20	---	---	---	100	60	300
Gaper	4,635	1,326	127	811	381	---	602	906	532	661	1,108	975	12,064
Octopus	---	797,410	266,630	120	2,564,195	2,517,225	4,573,401	1,051,253	178,985	---	7,320	---	11,956,541
Squid	---	---	---	---	---	---	---	---	---	---	---	---	---
Grand total	864,284	1,531,318	944,416	1,292,760	4,002,801	3,559,355	6,043,134	2,706,477	2,517,770	2,629,266	569,722	432,047	27,033,340

TABLE 13
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy.....	---	---	---	60,000	---	---	10,000	53,800	31,200	24,670	258	5	155,000
Barracuda, California.....	---	---	---	---	---	---	---	5,550	6,336	3,716	76	76	36,819
Bonito.....	120	---	6	18	210	122	22	374	519	49	213	256	4,484
Cabazon.....	670	314	5,504	1,572	64	152	152	20	530	2,564	3,797	554	16,222
Croaker, white.....	---	---	---	---	---	---	---	---	---	---	---	---	15,721
Flounder.....	---	---	1,933	130	15	80	265	105	1,030	9,465	187	774	3,489
Halibut, California.....	9,249	7,823	10,628	15,943	12,756	3,857	12,222	10,282	1,030	9,465	9,375	15,678	118,328
Herring, Pacific.....	---	50	---	260	---	---	---	---	---	---	---	---	310
Lingcod.....	13,208	14,168	8,555	8,791	12,511	13,699	7,628	10,869	5,605	3,682	18,628	17,971	135,315
Mackerel, jack.....	3,972,060	4,510,540	1,072,860	1,224,262	676,500	374,400	94,180	265,639	2,141,841	6,281,275	797,910	21,800	21,493,267
Mackerel, Pacific.....	1,482,002	478,810	21,940	556,065	559,300	134,700	121,100	1,450,640	612,053	6,759,556	3,261,700	134,750	15,570,646
Perch.....	2,294	4,361	5,265	3,423	---	---	1,166	578	1,044	1,273	1,098	1,864	22,366
Pompano, California.....	208,508	141,654	379,228	493,305	242,324	267,005	173,557	279,118	278,534	277,204	306,290	309,821	3,356,548
Rockfish.....	1,225	209	433	17,202	3,678	390	10	100	160	75	---	---	23,473
Sablefish.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Salmon.....	---	---	---	8,746	37,059	34,997	22,068	9,194	476	---	---	---	112,540
Sanddab.....	57	---	880	872	1,428	46	288	735	917	23	920	---	6,166
Sardine.....	830,188	20,820	30,650	---	---	121,305	170,765	101,970	11,153,381	10,274,461	717,020	543,150	23,963,710
Seabass, white.....	1,737	4,190	2,002	374	290	1,433	15,994	94,069	26,560	19,350	15,595	3,441	185,035
Seatrout, greenling.....	---	---	---	---	---	50	---	447	244	205	278	213	1,437
Shark.....	6,874	11,746	3,934	13,613	24,971	38,176	9,987	4,008	4,139	5,715	3,626	1,951	128,740
Sheep-head.....	37	75	---	---	---	---	29	---	---	---	70	48	259
Skate.....	260	---	1,027	---	---	---	---	---	---	---	340	990	2,617
Smelt.....	298	20	39	---	---	---	1,057	310	454	17	576	230	3,001
Sole, Dover.....	---	---	---	---	458	220	---	---	---	---	---	---	678
Sole, English.....	28,605	21,157	29,983	14,525	14,251	5,780	6,625	15,331	25,736	18,068	18,320	27,236	225,617
Sole, petrale.....	38,496	53,562	43,721	29,955	64,608	44,586	35,211	50,149	63,210	34,625	29,941	30,514	518,578
Sole, rock.....	13,438	8,289	11,909	11,708	6,057	1,481	623	4,773	5,435	5,175	7,428	16,560	92,876
Sole, sand.....	671	---	---	---	---	---	---	---	---	---	---	---	671
Sole, miscellaneous.....	70	38	332	18	55	57	113	49	107	32	183	---	1,054
Swordfish.....	---	---	---	---	---	---	---	---	---	---	---	---	---
Tuna, albacore.....	---	---	---	---	---	609	21,718	11,949	26,404	19,125	---	---	57,478
Tuna, bluefin.....	---	---	---	---	---	---	73,019	18,030	783,978	332,063	92,191	4,734	1,253,323
Tuna, skipjack.....	---	---	---	---	---	---	---	75,055	61,696	---	---	---	206,770
Turbot.....	449	257	1,872	728	1,044	35	---	453	515	2,853	3,001	3,798	14,897

TABLE 13—Continued
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Yellowtail	---	---	---	62	---	---	---	---	---	716	538	60	1,314 62
Miscellaneous fish	---	---	---	---	---	---	---	---	---	---	---	---	---
Crustacean:													
Crab	71,338	38,487	38,988	40,839	16,090	---	---	---	---	---	---	---	---
Crab, rock	7,652	5,436	3,010	6,190	3,844	704	5,674	5,928	4,140	3,646	21,466	32,564	260,772
Lobster, spiny	24,993	31,628	11,069	---	---	---	---	---	---	8,973	11,167	12,768	51,579
Shrimp, ocean	---	---	---	---	---	260	---	---	---	---	---	---	100,598
Mollusk:													
Abalone	63,818	---	122,061	207,504	260,815	247,693	273,306	332,696	362,724	265,050	362,028	248,850	2,746,635
Octopus	1,042	1,536	1,953	205	861	85	145	722	807	+	590	1,766	8,551
Oyster, giant Pacific	179,875	110,975	74,325	96,500	19,475	29,800	21,025	31,625	31,275	150,525	283,275	250,775	1,279,650
Squid	---	---	---	---	---	---	8,000	---	---	---	---	---	8,000
Total pounds	6,959,234	5,495,126	1,882,707	2,812,930	1,958,600	1,321,634	1,086,006	2,864,568	15,631,649	24,501,620	5,971,439	1,686,315	72,174,828
Waters south of State													
Fish:													
Tuna, albacore	---	71,621	3,879	---	---	---	750	---	---	---	---	---	750
Tuna, skipjack	---	573,086	210,724	---	---	---	---	---	---	---	---	---	78,500
Tuna, yellowfin	73,985	---	---	---	---	---	---	---	---	---	---	---	857,795
Total pounds	73,985	647,707	214,603	---	---	---	750	---	---	---	---	---	937,045
SHIPMENTS:¹													
Fish:													
Tuna, albacore	---	---	---	2,025	---	---	---	---	---	405	540	---	2,870
Tuna, yellowfin	160,000	---	---	---	---	---	---	---	---	---	---	---	160,000
Crustacean:													
Shrimp, unclassified	1,090	---	---	1,800	---	440	550	110	110	440	330	440	5,310
Mollusk:													
Clam, Fismo	36,960	38,400	52,640	52,800	7,680	11,520	9,600	5,760	14,400	36,480	16,320	3,840	286,400
Total pounds	198,050	38,400	52,640	56,625	7,680	11,960	10,150	5,870	14,510	37,325	17,190	4,280	451,680
Grand total	7,231,269	6,181,233	2,149,950	2,869,555	1,966,280	1,333,594	1,096,906	2,870,438	15,646,159	24,541,945	5,988,629	1,690,595	73,566,553

¹ For origin of shipments refer to Table 6.

TABLE 14
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy	5,813,765	6,075,750	4,610,205	4,680,860	5,417,445	3,578,095	4,179,992	1,986,210	433,640	1,060,055	663,680	381,310	38,881,097
Baracuda, California	325				17,871	58,804	6,706	13,572	40,392	21,628	16,219	4,006	180,123
Bonito	15,510	19			445	445	1,785	135	7,197	4,134	5,651	66,067	100,943
Croaker, white	43,093	43,256	49,916	24,819	26,093	12,573	8,466	61,433	7,652	15,568	26,930	48,185	367,984
Flying fish					983	8,072	4,743	4,458	1,289				19,495
Halibut	1,480	3,930		5,305	340	269		1,000	30	518			12,872
Halibut, California	6,332	9,748	12,007	7,624	5,332	1,240	2,177	1,688	522	529	102	507	47,808
Lingcod			11	70						45	25		151
Mackerel, jack	12,490,480	13,404,033	7,648,540	3,348,426	2,301,306	4,262,205	669,860	2,672,052	388,365	8,224,532	8,542,390	222,343	58,194,571
Mackerel, Pacific	3,352,398	6,758,366	727,916	669,628	790,129	1,654,462	1,334,468	8,178,358	1,305,384	8,222,574	9,989,231	3,413,537	46,396,451
Opaleye	702	434		1,300	200	13				476	13		3,138
Pompano, California	987	5,824	8,700	8,102	4,660	2,824	2,031	3,369	2,535	14,827	4,828	5,137	63,224
Rockfish	41,825	45,941	42,356	65,404	46,491	41,785	51,859	29,045	27,572	33,814	31,273	41,987	502,353
Sablefish	22	38		40		130							100
Salmon													130
Sanddab	1,901	2,767	522	2,129	1,453	1,999	1,508	759	356	92	39	272	13,797
Sardine	623,986	399,060	9,238	215,308	405,656	225,215	82,020	364,570	461,650	2,358,721	12,478,241	4,227,314	21,850,979
Sauri	117,850												117,850
Sauri		828	94	295	3,366	14,444	18,154	13,003	4,977	504	1,699	859	59,447
Sculpin	1,224	216		265	160	3,100	547	170	414	55	60	355	5,322
Sea bass, black													
Seabass, white	14,571	16,341	5,524	15,520	29,610	28,609	125,180	281,759	46,822	25,964	30,637	41,074	661,611
Shark	2,168	2,669	4,470	9,430	7,718	9,048	5,119	4,326	5,165	5,076	4,150	5,117	64,446
Sheep-head	93	47	23			265	134	27	7	17		119	911
Skate		514		392	580								1,486
Smelt	1,630	655	1,911	5,910	255	575	540	959	1,085	1,655	1,030	8,196	24,401
Sole, miscellaneous		172	168	81	42	84	35	19					601
Swordfish							21,940	55,200	47,383	50,247	5,728	236	180,734
Tuna, albacore				370		10,793	1,390,204	1,231,790	5,100,564	1,654,075	472,193	220,840	10,080,829
Tuna, bluefin					36	147,159	3,126,326	5,509,859	882,698	335,485			10,001,563
Tuna, skipjack								267,094	48,076	18,368			333,538
Tuna, yellowfin								69,495					69,495
Whitefish, ocean					170		119	1,944					289
Yellowtail			163	513	6,397	11,044	643		27,547	21,143	6,451	10,839	86,684
Miscellaneous fish			8	230	360	410	117						1,125

TABLE 14—Continued
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab, rock	5,904	3,966	4,316	6,378	6,431	10,060	9,663	10,225	13,115	6,251	8,094	9,655	94,028
Lobster, spiny	34,227	22,556	6,353	---	---	---	---	---	---	129,555	103,625	89,083	385,499
Mollusk:													
Abalone	79,882	---	146,422	270,130	184,345	285,075	154,945	158,870	172,697	213,048	277,300	226,500	2,169,304
Octopus	---	23	72	70	---	214	100	204	97	67	45	30	437
Sea snail	---	---	---	---	---	---	---	62,200	980	---	17,500	49,760	552
Squid	77,115	86,920	27,650	17,735	---	---	144,750	---	---	---	---	---	484,580
Total pounds	22,727,469	26,883,873	13,306,675	9,356,535	9,257,429	10,368,711	11,344,236	20,983,794	9,028,131	16,439,023	32,687,084	9,077,018	191,459,978
Waters south of State:													
Fish:													
Barracuda, California	34,996	85,323	46,440	6,005	31,772	125	210	21,374	4,414	7,606	16,889	---	255,054
Bonito	2,190	2,770	375	---	---	26	2,544	275	---	2,991	---	---	11,171
Cabrilla	11,515	16,295	10,715	---	97,155	393	---	---	---	---	---	14,667	80,742
Grouper	46,619	53,257	17,220	---	13,565	18,206	6,250	---	---	1,745	17,965	64,114	241,931
Halibut, California	---	---	---	---	3,800	---	8,500	14,625	2,430	---	---	---	29,415
Lingcod	160	---	110	---	---	---	90	---	---	---	---	---	360
Opaleye	---	1,085	275	---	---	---	---	---	---	600	---	700	2,060
Perch	2,418	---	---	408	---	---	---	---	---	---	---	---	600
Rock bass	10,922	39,985	4,430	---	200	---	5,317	---	---	---	---	---	2,826
Rockfish	---	---	---	---	---	---	---	---	---	---	---	---	60,944
Sardine	---	---	---	175	7,645	33,375	10,135	---	---	20,515	25,538	39,899	175
Sea bass, black	18,102	34,914	10,927	15,025	---	---	21,925	795	82	13,928	---	---	215,347
Seabass, white	358	38,744	8,740	840	960	239	24,510	---	5,145	---	14,920	7,415	116,579
Shark	102	---	65	47	733	60	1,425	---	345	2,335	1,795	1,185	8,092
Sheep-head	---	---	---	63	---	---	---	---	---	---	---	---	63
Sierra	457	---	---	---	---	---	---	---	---	---	---	---	457
Tuna, albacore	96,408	20,876	---	---	---	110,616	997,416	2,010,762	448,885	21,922	---	3,439	3,710,324
Tuna, bluefin	---	920,047	5,552	---	---	952,513	3,769,617	3,073,099	280,600	---	---	---	8,380,428
Tuna, skipjack	6,525,165	3,800,762	1,730,175	2,239,341	1,777,757	3,027,514	4,906,867	6,423,103	6,450,049	3,665,060	3,310,388	2,921,861	46,878,042
Tuna, yellowfin	5,294,910	5,132,202	7,768,840	12,937,978	11,855,664	11,869,067	5,936,814	5,660,879	4,926,091	3,475,924	3,118,724	4,953,999	82,931,692
Wahoo	---	---	---	12,722	---	162	576	665	468	---	---	---	14,593
Yellowtail	19,024	61,357	45,902	9,344	---	2,431	210	---	---	9,146	---	965	148,379
Miscellaneous fish	---	---	---	34	---	77	---	---	---	---	---	---	111
Crustacean:													
Lobster, spiny	---	83	---	---	---	---	---	---	---	---	---	---	83
Total pounds	12,066,343	9,577,000	9,649,766	15,221,982	13,719,381	16,024,706	15,760,471	17,205,477	12,128,109	7,221,770	6,506,219	8,008,244	143,080,468

SHIPMENTS: ¹												
Fish:												
Barracuda, California.....										248		547
Sablefish.....	10,325	37,145	47,790	17,250	42,200	4,967	56,011	72,000	299	1,291	38,644	255,613
Salmon.....		30,000	1,480				36,000		34,840			174,320
Sea bass, black.....							28,660					28,660
Sierra.....						733						733
Surgeon.....		1,835					5,105				10,199	17,139
Tuna, albacore.....	95,888	4,438,740	5,388,954	4,518,853	1,049,791	1,014,560	2,296,658	6,237,534	1,098,269	1,680,723	2,792,495	31,627,974
Tuna, bigeye.....	58,922		72,618		49,856	73,457	61,704	100,692	80,389			497,638
Tuna, bluefin.....							1,200					1,200
Tuna, skipjack.....	3,632,985	310,447	1,496,034	1,221,783	1,324,221	2,464,376	2,485,555		1,446,363	635,282	272,542	16,095,783
Tuna, yellowfin.....	3,609,539	2,391,665	3,268,376	3,489,504	1,786,007	2,504,181	4,302,094	3,944,759	1,154,818	1,517,199	3,518,147	33,473,862
Yellowtail.....									1,235	5,787		7,022
Miscellaneous fish.....	45	102,345	5,073	335	870	1,901	9,815	10,690	34,305	8,306	7,610	247,505
Mollusk:												
Clam, Pismo.....	107,520	83,760	107,760	97,200		83,760	719,400	86,400	1,355,760	95,760	84,000	2,821,320
Total pounds.....	7,515,224	7,395,937	10,388,085	9,344,935	4,252,945	6,147,955	10,002,202	10,452,075	3,955,776	3,944,596	6,723,637	85,246,316
Grand total.....	42,309,036	43,856,810	33,344,526	33,923,452	27,229,755	32,541,372	37,106,909	48,641,346	28,786,742	43,137,899	23,808,869	419,798,762

¹ For origin of shipments refer to Table 6.

TABLE 15
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1957

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
Fish:													
Anchovy				2,010	12,483	14,754	10,984	35,168	27,964	5,285	21,170	25,931	14,493
Barracuda, California	351			7,460	20,824		10	446	1,755	348	1,020	25	170,201
Bonito			935		65	43			1,398	173	196		4,647
Cabezon	15												782
Croaker, white	1,415	134	476	99		27	85	1,091	88	216	87		3,718
Halibut, California					3,195	1,410	3,486	8,521	6,554	10,286	3,810	5,914	132,157
Lingcod	10,000	9,214	45,335	24,432							198	21	606
Mackerel, Pacific	21,489	13,212	6,384	433	345	5,037	2,873	6,706	3,244	15,552	3,656	923	75,176
Rockfish	7,207	7,435	3,462	4,213	11,418		3,583	3,698	2,439	5,234	8,903	8,095	70,724
Salmon						49							49
Sanddab					125		100						225
Sardine					13,450	1,720							15,170
Sculpin	9	48	332	1,225	278	1,747	3,778			516	2,024	3,864	13,321
Sea bass, black	314		62	37	33				898	606	760	940	3,980
Sea bass, white	4,731	4,032	6,638	13,456	13,916	6,362	4,063	9,000	34,428	30,782	22,420	64,289	214,117
Shark	10,631	20,760	18,694	33,726	22,706	5,486	8,077	705	6,563	16,735	16,698	11,309	172,000
Sheep-head	871	527	126	50			94		333	1,400	4,351		9,800
Shete				10				82					136
Smelt													102
Sole, miscellaneous	103				24			86	48	3		92	356
Swordfish							887	27,044	70,595	29,618	7,012		135,136
Tuna, albacore	5,020		6,068			7,509	516,460	164,756	1,454,661	1,719,434	274,162	210,714	4,358,784
Tuna, bluefin						12,719	34,506	116,359	87,456	39	67		251,146
Tuna, skipjack								977	8,158	3,163	6,675	429	19,402
Tuna, yellowfin								275	65		1,018		1,358
Whitefish, ocean													15
Yellowtail	58		1,673	11,219	28,420	5,810	482	2,388	6,675	3,578	1,973	624	62,900
Miscellaneous fish				66	55	69	82		8				280
Crustacean:													
Crab, rock	898	678	28										5,524
Lobster, spiny	20,568	14,844	9,476										161,184
Mollusk:													
Abalone	6,437		32,822	57,647	53,528	59,760	59,693	55,297	41,785	14,633	51,913	49,990	496,505
Clam, jackknife	195	520	710	949	1,780	2,330	2,221	1,749	877	410	330	287	12,358
Total pounds	90,624	71,469	133,221	157,042	182,669	125,507	651,444	437,348	1,755,012	1,920,806	462,255	409,545	6,386,942

Waters south of State:

Fish:											
Barracuda, California	2,643	258	21,944	1,547	3,134	177	1,709	389	5,481	3,355	40,469
Bonito	6,591	13,031	24,775	3,825	1,255	---	12,850	919	20,954	13,346	97,804
Carlin	---	---	---	---	---	---	---	---	---	---	281
Croaker, white	---	45	---	---	---	---	---	---	---	---	45
Dolphinfish	186	---	---	---	117	---	---	---	---	---	303
Grouper	---	---	---	---	---	---	---	---	---	3,665	5,757
Halibut, California	---	1,982	110	565	---	---	2,880	---	2,920	---	14,816
Rockfish	1,412	155	355	---	2,939	---	20	2,257	8,844	643	17,025
Sea bass, black	1,604	6,484	1,182	406	267	---	---	905	1,361	2,610	17,704
Seabass, white	1,855	8,651	---	88	34,027	46,978	14,358	7,549	5,326	9,749	128,561
Shark	245	591	---	417	---	---	245	2,057	945	2,605	11,335
Swordfish	---	---	---	---	---	---	---	---	---	---	1,641
Tuna, albacore	37,829	5,027	---	---	382,272	6,505,000	7,123,991	378,582	85,742	75,165	17,200,742
Tuna, bigeye	---	---	---	---	---	---	---	---	---	---	443
Tuna, bluefin	---	---	---	---	402,299	48,187	927,850	---	---	---	1,471,554
Tuna, skipjack	4,002,212	1,731,595	1,107,665	2,858,148	3,857,193	4,707,208	2,017,737	6,787,711	1,833,481	1,928,978	43,152,800
Tuna, yellowfin	3,829,481	5,746,199	5,474,943	8,042,429	6,504,152	7,61,211	4,278,684	4,611,933	2,283,526	1,867,170	52,447,303
Whale	---	---	---	347	3,895	---	---	---	---	---	8,884
Whale, ocean	---	---	---	530	---	---	---	---	---	---	530
Yellowtail	22,320	46,525	39,064	12,987	66,872	17	328	801	2,955	1,119	209,674
Miscellaneous fish	---	---	---	---	---	81	---	---	---	---	81
Crustacean:											
Lobster, spiny	---	5	---	---	---	---	---	---	178	---	183
Total pounds	7,906,358	7,561,085	6,670,038	10,921,289	11,218,322	15,682,930	10,881,840	11,793,103	4,261,713	3,908,405	114,827,935
SHIPMENTS:											
Fish:											
Tuna, albacore	---	---	122,869	149,865	---	402,166	395,851	19,730	705,800	---	1,796,281
Tuna, bigeye	---	---	---	---	---	321,824	---	---	---	511	511
Tuna, bluefin	---	---	---	---	---	152,447	1,091,983	12,918	1,360,455	---	321,824
Tuna, skipjack	363,456	---	1,095,272	358,466	358,466	357,810	357,810	---	4,792,807	---	4,792,807
Tuna, yellowfin	1,276,060	---	171,011	100,834	149,804	403,855	403,855	---	711,878	121,601	3,260,262
Total pounds	1,639,516	---	1,389,152	250,699	508,270	948,913	1,740,577	32,648	2,778,133	122,112	10,171,685
Grand total	12,126,066	7,694,306	8,216,232	11,354,657	11,882,099	17,283,287	13,059,765	13,746,557	7,502,101	4,440,062	131,396,562

¹ For origin of shipments refer to Table 6.

TABLE 16

Value of Landings and Shipments of Commercial Fish Into California by Area, 1957

Species	Eureka	Sacramento	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:								
Fish:								
Anchovy	980	---	10,135	1,485,821	155,000	38,881,097	14,493	40,547,526
	\$49	---	\$502	\$22,287	\$1,457	\$482,126	\$507	\$506,928
Barracuda, California	---	---	---	36,819	36,819	435,177	210,670	682,666
	---	---	---	---	\$3,081	\$73,414	\$29,157	\$105,652
Bonito	---	---	---	100	4,484	112,114	102,451	219,149
	---	---	---	\$10	\$401	\$4,967	\$7,622	\$13,000
Cabezon	100	---	286	10,416	1,622	---	782	13,206
	\$6	---	\$7	\$414	\$82	---	\$78	\$587
Cabrilla	---	---	---	---	---	80,742	281	81,023
	---	---	---	---	---	\$11,344	\$42	\$11,386
Carp	---	533,126	---	---	---	---	---	533,126
	---	\$24,950	---	---	---	---	---	\$24,950
Croaker, white	220	---	3,373	144,301	15,721	367,984	3,763	535,362
	\$15	---	\$411	\$9,552	\$994	\$15,425	\$357	\$26,754
Dolphinfish	---	---	---	---	---	---	303	303
	---	---	---	---	---	---	\$45	\$45
Flounder	133,885	1,089	321,252	44,735	3,489	---	---	504,461
	\$5,671	\$37	\$15,452	\$2,644	\$178	---	---	\$23,982
Flyingfish	---	---	---	---	---	19,495	---	19,495
	---	---	---	---	---	\$1,840	---	\$1,840
Grouper	---	---	---	---	---	241,931	5,757	247,688
	---	---	---	---	---	\$42,072	\$772	\$42,844
Hake	989,821	---	10,370	149,805	---	---	---	1,149,996
	\$17,321	---	\$160	\$1,394	---	---	---	\$18,875
Halfmoon	---	---	---	---	---	12,872	---	12,872
	---	---	---	---	---	\$3,035	---	\$3,035
Halibut, arrowtooth	913,050	---	20,665	---	---	---	---	933,715
	\$18,436	---	\$693	---	---	---	---	\$19,129
Halibut, California	---	---	14,310	19,981	118,328	77,223	146,973	376,815
	---	---	\$2,925	\$4,494	\$26,813	\$17,329	\$34,729	\$86,290
Halibut, Pacific	26,206	---	---	---	---	---	---	26,206
	\$5,711	---	---	---	---	---	---	\$5,711
Hardhead	---	44,595	---	---	---	---	---	44,595
	---	\$13,477	---	---	---	---	---	\$13,477
Herring, Pacific	42,270	---	547,708	597,792	310	---	---	1,188,080
	\$1,234	---	\$6,848	\$27,498	\$16	---	---	\$35,596
Lingcod	989,415	---	310,251	212,556	135,315	511	606	1,639,654
	\$69,743	---	\$20,620	\$18,620	\$11,299	\$39	\$59	\$120,380
Mackerel, jack	320	---	4,210	2,319,417	21,493,267	58,194,571	---	82,011,785
	\$13	---	\$125	\$58,449	\$305,205	\$1,239,545	---	\$1,603,337
Mackerel, Pacific	---	---	---	1,502	15,570,646	46,396,451	75,176	62,043,775
	---	---	---	\$84	\$224,218	\$1,002,163	\$3,165	\$1,229,630
Opaleye	---	---	---	---	---	5,198	---	5,198
	---	---	---	---	---	\$776	---	\$776
Perch	150,440	---	40,935	32,187	22,366	600	---	245,628
	\$21,442	---	\$5,647	\$2,875	\$4,383	\$30	---	\$34,377
Pompano, California	---	---	---	12,469	1,057	63,224	---	76,750
	---	---	---	\$5,664	\$140	\$12,531	---	\$18,335
Ratfish	---	---	---	11,595	---	---	---	11,595
	---	---	---	\$87	---	---	---	\$87
Rock bass	---	---	---	---	---	2,826	---	2,826
	---	---	---	---	---	\$385	---	\$385
Rockfish	3,794,601	---	2,817,836	5,471,248	3,356,548	563,297	87,749	16,091,279
	\$135,271	---	\$116,286	\$246,216	\$118,714	\$58,435	\$7,668	\$682,590
Sablefish	1,370,768	---	425,486	379,955	23,473	100	---	2,199,822
	\$118,609	---	\$12,332	\$13,298	\$1,078	\$5	---	\$145,322
Salmon	3,324,111	321,824	1,308,834	431,215	112,540	133	49	5,498,733
	\$1,093,944	\$99,121	\$441,129	\$153,238	\$44,252	\$56	\$20	\$1,831,760
Sanddab	207,618	---	324,126	140,151	6,166	13,797	225	692,063
	\$11,993	---	\$17,169	\$8,002	\$334	\$2,264	\$24	\$39,786
Sardine	---	---	---	32,072	23,963,710	21,851,154	15,170	45,862,106
	---	---	---	\$3,211	\$1,111,917	\$670,830	\$589	\$1,786,547
Saury	---	---	---	---	---	117,850	---	117,850
	---	---	---	---	---	\$1,474	---	\$1,474
Sculpin	---	---	---	---	---	59,447	13,821	73,268
	---	---	---	---	---	\$15,926	\$2,990	\$18,916
Sculpin, staghorn	---	---	1,605	---	---	---	---	1,605
	---	---	\$80	---	---	---	---	\$80
Sea bass, black	---	---	---	---	---	220,668	21,684	242,353
	---	---	---	---	---	\$31,312	\$2,332	\$33,644
Seabass, white	---	---	3,237	197,955	185,035	776,190	342,678	1,507,095
	---	---	\$637	\$28,683	\$26,738	\$149,414	\$70,832	\$276,304
Seatrou, greenling	---	---	108	281	1,437	---	---	1,826
	---	---	---	\$8	\$9	---	---	\$89
Shad	---	448,048	---	---	---	---	---	448,048
	---	\$34,529	---	---	---	---	---	\$34,529

TABLE 16—Continued

Value of Landings and Shipments of Commercial Fish Into California Area, 1957

Species	Eureka	Sacramento	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Shark-----	9,981	---	54,400	279,816	128,740	72,538	183,425	728,900
Sheep-head-----	\$441	---	\$4,635	\$8,105	\$16,777	\$7,840	\$15,533	\$53,331
Sierra-----	---	---	---	---	259	974	9,800	11,033
---	---	---	---	---	\$22	\$65	\$757	\$844
---	---	---	---	---	---	457	---	457
Skate-----	3,037	---	118,080	46,322	2,617	1,486	---	\$23
---	\$2	---	\$1,845	\$579	\$140	\$113	136	171,678
Smelt-----	108,303	---	139,615	96,050	3,001	24,401	\$14	\$2,493
---	\$6,437	---	\$13,942	\$6,492	---	\$1,120	102	371,472
Sole, Dover-----	7,386,834	---	534,324	10,301	678	---	---	\$28,165
---	\$365,525	---	\$23,225	\$370	\$34	---	---	7,932,137
Sole, English-----	2,471,298	---	1,624,511	498,446	225,617	---	---	\$389,154
---	\$169,495	---	\$98,234	\$34,243	\$14,733	---	---	4,619,672
Sole, petrale-----	2,098,101	---	682,259	157,795	518,578	---	---	\$316,705
---	\$211,765	---	\$65,725	\$15,716	\$51,702	---	---	3,456,733
Sole, rex-----	710,494	---	366,770	64,262	92,876	---	---	\$344,908
---	\$40,851	---	\$19,712	\$3,238	\$5,182	---	---	1,234,402
Sole, sand-----	4,729	---	50,166	495	671	---	---	\$68,983
---	\$451	---	\$4,570	\$36	\$67	---	---	56,061
Sole, miscellaneous-----	4,967	---	4,456	16,996	1,054	601	358	\$5,124
---	\$183	---	\$230	\$1,496	\$86	\$76	---	26,430
Splittail-----	---	377	---	---	---	---	---	\$2,118
---	---	\$132	---	---	---	---	---	377
Swordfish-----	---	---	---	997	57,478	180,734	136,777	\$132
---	---	---	---	\$401	\$21,198	\$81,656	\$52,577	375,986
Tuna, albacore-----	2,333,328	---	2,465,283	2,121,882	1,254,073	13,791,153	21,559,526	\$155,832
---	\$291,667	---	\$357,959	\$262,265	\$161,776	\$2,031,437	\$3,175,719	43,525,245
Tuna, bigeye-----	---	---	---	---	---	---	---	\$6,280,823
---	---	---	---	---	---	---	---	443
Tuna, bluefin-----	85	---	---	---	209,770	18,381,991	1,722,700	\$52
---	\$11	---	---	---	\$21,670	\$2,202,162	\$193,287	20,314,546
Tuna, skipjack-----	---	---	84,916	---	79,015	47,211,580	43,172,202	\$2,417,130
---	---	---	\$9,757	---	\$9,063	\$5,160,226	\$4,779,163	90,547,713
Tuna, yellowfin-----	---	---	648,194	---	857,795	83,001,187	52,448,661	\$9,958,206
---	---	---	\$87,182	---	\$115,802	\$10,989,357	\$6,965,182	136,955,837
Turbot-----	7,759	---	71,402	1,997	14,837	---	---	\$18,157,523
---	\$533	---	\$3,160	\$113	\$750	---	---	18,157,523
Wahoo-----	---	---	---	---	---	14,593	8,884	96,055
---	---	---	---	---	---	\$5,010	\$3,022	\$4,556
Whitebait-----	135,150	---	71,817	36,633	---	---	---	23,477
---	\$10,501	---	\$9,379	\$4,216	---	---	---	\$8,032
Whitefish, ocean-----	---	---	---	---	---	---	---	243,600
---	---	---	---	---	---	289	545	\$24,096
Yellowtail-----	---	---	---	---	---	\$17	\$38	834
---	---	---	---	---	1,314	235,063	272,574	\$55
Miscellaneous fish-----	9,044	---	602	85	62	\$17,465	\$18,535	508,951
---	\$218	---	\$19	\$8	\$1	\$303	\$85	\$36,108
Crustacean:								11,390
Crab-----	10,204,008	---	8,559,912	93,792	260,772	---	---	\$634
---	\$855,095	---	\$744,688	\$10,936	\$29,154	---	---	19,118,484
Crab, rock-----	---	---	---	---	51,579	94,028	5,524	\$1,639,873
---	---	---	---	---	\$1,677	\$8,049	\$139	151,131
Lobster, spiny-----	---	---	---	---	100,598	385,582	161,367	\$9,865
---	---	---	---	---	\$52,934	\$234,163	\$90,300	647,547
Prawn-----	---	---	---	767	---	---	---	\$377,397
---	---	---	---	\$307	---	---	---	767
Shrimp, bay-----	---	---	192,814	---	---	---	---	\$307
---	---	---	\$20,651	---	---	---	---	192,814
Shrimp, ocean-----	925,887	---	450,494	---	260	---	---	\$20,651
---	\$80,182	---	\$36,760	---	\$26	---	---	1,376,641
Mollusk:								\$116,968
Abalone-----	---	---	17,225	2,245	2,746,635	2,169,304	486,505	5,421,914
---	---	---	\$2,756	\$308	\$356,070	\$193,551	\$34,587	\$587,272
Clam, gaper-----	---	---	---	300	---	---	---	300
---	---	---	---	\$29	---	---	---	\$29
Clam, jackknife-----	---	---	---	---	---	---	12,358	12,358
---	---	---	---	---	---	---	\$4,606	\$4,606
Clam, Washington-----	3,599	---	---	---	---	---	---	3,599
---	\$433	---	---	---	---	---	---	\$433
Octopus-----	3,701	---	6,167	12,064	8,551	437	---	30,920
---	\$146	---	\$273	\$1,178	\$445	\$64	---	\$2,106
Oyster, eastern-----	---	---	119,834	---	---	---	---	119,834
---	---	---	\$32,067	---	---	---	---	\$32,067
Oyster, giant Pacific-----	9,400,135	---	387,861	---	1,279,650	---	---	11,067,646
---	\$188,003	---	\$37,389	---	\$25,593	---	---	\$250,985

TABLE 16—Continued

Value of Landings and Shipments of Commercial Fish Into California Area, 1957

Species	Eureka	Sacramento	San Francisco	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Oyster, Kumamoto	16,366	---	474	---	---	---	---	16,840
	\$164	---	\$119	---	---	---	---	\$283
Oyster, native	78,746	---	8,623	---	---	---	---	87,369
	\$787	---	\$2,261	---	---	---	---	\$3,048
Sea snail	---	---	---	---	---	582	---	582
	---	---	---	---	---	\$41	---	\$41
Squid	---	---	---	11,956,541	8,000	484,580	---	12,449,121
	---	---	---	\$197,282	\$120	\$10,273	---	\$207,675
Miscellaneous mollusk	---	---	156	---	---	---	---	156
	---	---	\$39	---	---	---	---	\$39
Total pounds	47,850,358	1,349,059	22,824,222	27,093,340	73,111,873	334,549,446	121,224,877	628,003,175
Total value	\$3,722,348	\$172,246	\$2,217,408	\$1,154,047	\$2,766,671	\$24,779,748	\$15,494,636	\$50,307,104
SHIPMENTS:¹								
Fish:								
Barracuda, California	---	---	---	---	---	547	---	547
	---	---	---	---	---	\$75	---	\$75
Sablefish	---	---	12,927	---	---	255,613	---	268,540
	---	---	\$2,327	---	---	\$44,349	---	\$46,676
Salmon	---	---	800	---	---	174,320	---	175,120
	---	---	\$360	---	---	\$82,588	---	\$82,948
Sea bass, black	---	---	---	---	---	28,660	---	28,660
	---	---	---	---	---	\$4,300	---	\$4,300
Sierra	---	---	---	---	---	733	---	733
	---	---	---	---	---	\$73	---	\$73
Sturgeon	---	---	---	---	---	17,139	---	17,139
	---	---	---	---	---	\$10,331	---	\$10,331
Tuna, albacore	---	---	6,136,802	---	2,970	31,627,974	1,796,281	39,564,027
	---	---	\$913,770	---	\$1,277	\$5,107,918	\$257,587	\$6,280,552
Tuna, bigeye	---	---	329,325	---	---	497,638	511	827,474
	---	---	\$31,714	---	---	\$56,880	\$73	\$88,667
Tuna, bluefin	---	---	---	---	---	1,200	321,824	323,024
	---	---	---	---	---	\$120	\$32,182	\$32,302
Tuna, skipjack	---	---	---	---	---	16,095,783	4,782,807	20,888,590
	---	---	---	---	---	\$1,678,790	\$877,084	\$2,555,874
Tuna, yellowfin	---	---	8,191,674	---	160,000	33,473,862	3,260,262	45,085,798
	---	---	\$1,037,885	---	\$28,240	\$3,936,526	\$452,524	\$5,455,175
Yellowtail	---	---	---	---	---	7,022	---	7,022
	---	---	---	---	---	\$515	---	\$515
Miscellaneous fish	---	---	---	---	---	247,505	---	247,505
	---	---	---	---	---	\$69,094	---	\$69,094
Crustacean:								
Shrimp, unclassified	---	---	---	---	5,310	---	---	5,310
	---	---	---	---	\$2,961	---	---	\$2,961
Mollusk:								
Clam, Pismo	---	---	---	---	286,400	2,821,320	---	3,107,720
	---	---	---	---	\$6,902	\$63,480	---	\$70,382
Total pounds	47,850,358	1,349,059	14,671,528	27,093,340	454,680	85,249,316	10,171,685	110,547,209
Total value	\$3,722,348	\$172,246	\$1,986,056	\$1,154,047	\$39,380	\$11,055,039	\$1,619,450	\$14,699,925
GRAND TOTAL POUNDS	47,850,358	1,349,059	37,495,750	27,093,340	73,566,553	419,798,762	131,396,562	738,550,384
GRAND TOTAL VALUE	\$3,722,348	\$172,246	\$4,203,464	\$1,154,047	\$2,806,051	\$35,834,787	\$17,114,086	\$65,007,029

¹ For origin of shipments refer to Table 6.

TABLE 17
Value of Landings by Port,
Eureka Area, 1957

	Value	Pounds
EUREKA AREA TOTALS	\$3,722,348	47,850,358
Eureka		
Salmon	\$347,107	1,045,642
Crab	241,908	2,886,730
Albacore	228,998	1,831,983
Giant Pacific oyster	188,003	9,400,135
Dover sole	123,980	2,504,642
English sole	67,235	980,095
Petrale sole	54,027	535,447
Rockfish	37,940	1,017,030
Sablefish	26,903	310,657
Perch	17,613	123,800
Rex sole	14,192	246,822
Lingcod	11,562	161,707
Sanddab	8,100	140,139
All other	18,480	359,487
Totals	\$1,386,048	21,544,316
Fort Bragg		
Salmon	\$417,916	1,264,098
Dover sole	104,149	2,106,514
Sablefish	81,161	938,345
Petrale sole	78,635	778,681
English sole	54,243	791,249
Rockfish	49,078	1,436,438
Lingcod	41,140	580,392
Albacore	21,618	172,945
Ocean shrimp	19,452	224,621
Rex sole	13,678	237,919
Crab	8,256	98,515
Arrowtooth halibut	5,303	262,919
All other	10,581	288,273
Totals	\$905,210	9,180,909
Crescent City		
Crab	\$468,765	5,593,860
Salmon	305,611	939,256
Ocean shrimp	60,730	701,266
Albacore	40,668	325,340
All other	14,396	188,581
Totals	\$890,170	7,748,303
Fields Landing		
Dover sole	\$137,020	2,768,083
Petrale sole	78,340	776,412
Crab	65,864	785,971
Rockfish	47,411	1,318,555
English sole	46,842	682,823
Hake	14,610	834,881
Arrowtooth halibut	13,133	650,131
Rex sole	12,794	222,508
Lingcod	12,549	175,504
Sablefish	10,077	116,367
All other	5,422	78,983
Totals	\$444,062	8,410,218
Trinidad		
Crab	\$69,845	833,475
Salmon	9,981	34,912
All other	254	2,386
Totals	\$80,080	870,773
Point Arena		
Salmon	\$12,054	36,068
All other	482	5,810
Totals	\$12,536	41,878
All other ports		
All other	\$4,242	53,961
Totals	\$4,242	53,961

TABLE 18
Value of Landings by Port,
Sacramento Area, 1957

	Value	Pounds
SACRAMENTO AREA TOTALS	\$172,246	1,349,059
Pittsburg		
Salmon.....	\$59,320	192,599
Shad.....	25,707	340,000
All other.....	24	508
Totals.....	\$85,051	533,107
Clear Lake		
Carp.....	\$18,402	393,210
Hardhead.....	9,387	31,062
Totals.....	\$27,789	424,272
Martinez		
Salmon.....	\$12,628	40,999
Shad.....	6,959	84,586
All other.....	37	1,089
Totals.....	\$19,624	126,674
Sacramento		
Salmon.....	\$11,351	36,854
All other.....	3,182	13,709
Totals.....	\$11,533	50,563
Bericia		
Salmon.....	\$7,257	23,562
All other.....	1,899	24,229
Totals.....	\$9,156	47,791
Port Costa		
Salmon.....	\$8,565	27,810
Totals.....	\$8,565	27,810
All other ports		
Carp.....	\$6,309	134,809
Hardhead.....	1,219	4,033
Totals.....	\$7,528	138,842

TABLE 19
Value of Landings and Shipments by Port,
San Francisco Area, 1957

	Value	Pounds
SAN FRANCISCO AREA TOTALS	\$4,203,464	37,495,750
San Francisco		
Albacore.....	\$1,229,981	8,314,566
Yellowfin tuna.....	1,125,067	8,839,868
Crab.....	410,340	4,716,801
Salmon.....	130,356	386,430
Rockfish.....	85,681	2,051,952
English sole.....	51,746	856,423
Petrale sole.....	39,865	412,624
Bigeye tuna.....	31,714	329,325
Dover sole.....	21,152	486,547
Rex sole.....	12,639	235,489
Sablefish.....	12,635	368,106
Lingcod.....	10,314	155,531
Skipjack.....	9,757	84,916
Sanddab.....	9,528	180,185
Bay shrimp.....	8,426	78,670
Flounder.....	7,326	152,699
Smelt.....	5,618	61,649
All other.....	19,899	458,205
Totals.....	\$3,222,044	28,169,986
Podega Bay		
Crab.....	\$154,032	1,770,487
Salmon.....	94,339	279,855
Ocean shrimp.....	34,768	426,079
English sole.....	32,688	540,300
Petrale sole.....	8,634	89,469
Rockfish.....	8,599	198,208
Whitebait.....	6,571	50,316
All other.....	25,417	452,718
Totals.....	\$365,048	3,807,432
Point Reyes (Drakes Bay)		
Salmon.....	\$163,089	483,801
Crab.....	62,905	723,072
Giant Pacific oyster.....	24,799	257,256
Rockfish.....	21,989	567,291
Petrale sole.....	17,226	180,166
English sole.....	13,800	227,788
Lingcod.....	5,586	84,382
All other.....	16,705	349,879
Totals.....	\$326,099	2,873,635
Sausalito		
Crab.....	\$45,650	524,715
Salmon.....	29,834	88,501
Albacore.....	24,266	167,122
All other.....	62	2,047
Totals.....	\$99,812	782,385
Oakland		
Crab.....	\$34,109	392,062
Salmon.....	21,371	63,660
Albacore.....	17,095	117,735
All other.....	13	167
Totals.....	\$72,588	573,624
Tomaes Bay (Marshall)		
Eastern oyster.....	\$32,067	119,834
Giant Pacific oyster.....	12,590	130,605
All other.....	12,555	419,385
Totals.....	\$57,212	669,824

TABLE 19
Value of Landings and Shipments by Port,
San Francisco Area, 1957

	Value	Pounds
Princeton		
Crab.....	\$37,522	431,285
All other.....	9,913	64,843
Totals.....	\$47,435	496,128
Richmond		
Bay shrimp.....	\$11,801	110,184
All other.....	979	8,401
Totals.....	\$12,780	118,585
All other ports		
All other.....	\$446	4,151
Totals.....	\$446	4,151

TABLE 20
Value of Landings by Port,
Monterey Area, 1957

	Value	Pounds
MONTEREY AREA TOTALS	\$1,154,047	27,093,340
Monterey		
Rockfish.....	\$232,408	5,253,296
Squid.....	176,014	10,667,535
Albacore.....	109,754	887,978
Salmon.....	36,204	101,810
English sole.....	29,103	423,631
White seabass.....	27,955	192,928
Jack mackerel.....	25,545	1,013,696
Anchovy.....	16,279	1,085,250
Lingcod.....	13,924	158,948
Petrale sole.....	12,168	122,172
Sablefish.....	6,846	195,607
Sanddab.....	5,622	98,466
All other.....	27,690	510,275
Totals.....	\$719,512	20,711,592
Moss Landing		
Albacore.....	\$137,515	1,112,580
Salmon.....	62,496	176,031
Jack mackerel.....	30,574	1,213,252
Squid.....	21,011	1,273,400
Pacific herring.....	19,710	428,472
Crab.....	7,601	65,192
Shark.....	6,500	253,720
All other.....	15,110	461,498
Totals.....	\$300,517	4,984,145
Santa Cruz		
Salmon.....	\$54,538	153,374
Albacore.....	14,996	121,324
Rockfish.....	12,935	204,029
Sablefish.....	6,452	184,348
Pacific herring.....	6,253	135,940
All other.....	38,844	598,588
Totals.....	\$134,018	1,397,603

TABLE 21
Value of Landings and Shipments by Port,
Santa Barbara Area, 1957

	Value	Pounds
SANTA BARBARA AREA TOTALS	\$2,806,051	73,566,553
Port Hueneme		
Sardine	\$1,106,588	23,848,873
Jack mackerel	301,759	21,250,612
Pacific mackerel	218,286	15,158,716
Bluefin tuna	9,597	92,900
All other	16,609	129,956
Totals	\$1,652,839	60,481,057
Morro Bay		
Albacore	\$108,662	842,342
Rockfish	101,144	2,862,520
Abalone	77,098	564,232
Giant Pacific oyster	25,593	1,279,650
Petrale sole	18,528	185,842
Crab	17,534	156,834
Lingcod	9,593	114,886
Salmon	9,334	23,739
All other	17,614	188,661
Totals	\$385,100	6,218,706
Santa Barbara		
Abalone	\$172,782	1,390,659
Spiny lobster	49,872	94,778
White seabass	21,452	148,455
Swordfish	20,866	56,577
California halibut	17,351	76,573
Shark	15,097	111,327
Petrale sole	14,531	145,748
Bluefin tuna	12,073	116,870
Rockfish	9,951	312,062
English sole	9,813	150,274
Pismo clam	6,902	286,400
Pacific mackerel	5,932	411,930
Sardine	5,327	114,800
All other	15,063	519,727
Totals	\$377,012	3,936,180
Port San Luis (Avila, Grover City)		
Yellowfin tuna	\$144,042	1,017,795
Albacore	50,475	391,281
Salmon	34,842	88,607
Abalone	21,058	154,047
Petrale sole	18,643	186,988
Crab	11,620	103,938
Skipjack	9,004	78,500
Rockfish	6,590	157,765
All other	13,832	161,040
Totals	\$310,106	2,339,961
San Simeon		
Abalone	\$72,064	527,168
All other	4	40
Totals	\$72,068	527,208
All other ports		
Abalone	\$8,190	60,767
All other	736	2,674
Totals	\$8,926	63,441

TABLE 22
Value of Landings and Shipments by Port,
Los Angeles Area, 1957

	Value	Pounds
LOS ANGELES AREA TOTALS	\$35,834,787	419,798,762
Terminal Island		
Yellowfin tuna	\$14,887,904	116,188,196
Albacore	7,112,516	45,236,923
Skipjack	6,839,016	63,307,363
Bluefin tuna	2,118,368	17,682,735
Jack mackerel	1,015,916	47,695,588
Pacific mackerel	670,131	31,024,571
Sardine	507,860	16,542,672
Anchovy	115,824	9,340,660
Bigeye tuna	56,880	497,638
Pismo clam	44,774	1,989,960
Yellowtail	7,179	96,616
All other	7,760	126,923
Totals	\$33,384,128	349,729,845
San Pedro		
White seabass	\$133,810	696,926
Spiny lobster	93,669	154,238
Bluefin tuna	83,353	695,768
Pacific mackerel	80,586	3,730,811
California barracuda	57,237	339,387
Sardine	56,037	1,826,293
Anchovy	51,881	4,183,972
Grouper	39,928	229,602
Jack mackerel	38,412	1,803,382
Yellowfin tuna	37,973	286,808
Rockfish	37,843	360,494
Black sea bass	34,125	239,384
Swordfish	32,690	72,356
California halibut	16,312	72,693
Sculpin	15,352	57,305
White croaker	14,174	308,430
California pompano	12,208	61,596
Cabrilla	11,344	80,742
Albacore	10,105	68,601
Abalone	9,205	101,774
Yellowtail	9,122	122,862
Squid	5,535	402,585
Shark	6,808	63,058
All other	14,457	299,266
Totals	\$905,196	16,258,333
Newport Beach		
Abalone	\$183,067	2,053,238
Pacific mackerel	104,895	4,856,259
Swordfish	47,214	104,501
Jack mackerel	47,088	2,210,700
Spiny lobster	43,460	71,562
White seabass	13,771	71,722
Sardine	13,207	430,185
Albacore	13,124	89,096
California barracuda	5,085	30,142
Wahoo	5,010	14,593
All other	5,935	55,323
Totals	\$481,856	9,987,321
Long Beach		
Anchovy	\$254,576	20,530,305
Sardine	59,766	1,946,785
Spiny Lobster	49,157	80,944
Jack mackerel	32,125	1,508,205
Pacific mackerel	31,227	1,445,700
Rockfish	15,044	129,332
All other	4,367	34,349
Totals	\$446,262	25,675,620

TABLE 22—Continued
Value of Landings and Shipments by Port,
Los Angeles Area, 1957

	Value	Pounds
Wilmington		
Pacific mackerel.....	\$115,267	5,336,450
Jack mackerel.....	106,004	4,976,696
Anchovy.....	35,618	2,872,420
Sardine.....	11,938	388,869
All other.....	2,100	147,673
Totals.....	\$270,927	13,722,108
Los Angeles		
Salmon.....	\$82,588	174,320
Sablefish.....	44,219	254,863
Pismo clam.....	14,391	639,600
Sturgeon.....	10,331	17,139
All other.....	68,968	247,020
Totals.....	\$220,497	1,332,942
Santa Monica		
Anchovy.....	\$24,100	1,943,520
Sardine.....	21,992	716,350
Spiny lobster.....	9,744	16,047
California barracuda.....	8,986	53,268
All other.....	8,731	151,793
Totals.....	\$73,553	2,380,978
Dana Point		
Spiny lobster.....	\$28,150	46,353
All other.....	676	7,531
Totals.....	\$28,826	53,884
Redondo Beach		
Rock crab.....	\$7,335	85,688
All other.....	8,189	43,237
Totals.....	\$15,524	128,925
All other ports		
Spiny lobster.....	\$5,320	8,760
All other.....	2,698	20,046
Totals.....	\$8,018	28,806

TABLE 23
Value of Landings and Shipments by Port,
San Diego Area, 1957

	Value	Pounds
SAN DIEGO AREA TOTALS	\$17,114,086	131,396,562
San Diego		
Yellowfin tuna	\$7,417,706	55,708,923
Skipjack	5,656,247	47,965,009
Albacore	3,433,068	23,354,195
Bluefin tuna	225,469	2,044,524
White seabass	64,233	310,755
Swordfish	52,577	136,777
Spiny lobster	43,590	77,895
Abalone	34,587	486,505
California halibut	32,793	138,778
California barracuda	26,064	188,323
Yellowtail	18,138	266,736
Shark	15,370	181,501
Bonito	7,448	100,114
Rockfish	5,597	63,570
All other	19,270	187,557
Totals	\$17,052,157	131,211,162
Cardiff		
Spiny lobster	\$28,139	50,284
All other	564	3,698
Totals	\$28,703	53,982
Encinitas		
Spiny lobster	\$7,989	14,277
All other	5,458	37,657
Totals	\$13,447	51,934
La Jolla		
Spiny lobster	\$7,440	13,296
All other	728	4,613
Totals	\$8,168	17,909
All other ports		
All other	\$11,611	61,575
Totals	\$11,611	61,575

TABLE 24
Origin of Shipments of Fresh Fish Into California During 1958

Shipped from: Species	Pounds shipped to each area					Total pounds
	Eureka	San Francisco	Santa Barbara	Los Angeles	San Diego	
Continental United States:						
Eel.....	----	----	----	1,085	----	1,085
Salmon.....	----	----	----	30,147	----	30,147
Tuna, bluefin (Atlantic).....	----	9,090	----	----	33,915	43,005
Miscellaneous fish.....	----	----	----	237,015	----	237,015
Oregon, Washington, Canada and Alaska:						
Halibut, Pacific.....	----	----	----	16,244	----	16,244
Sablefish.....	----	----	----	224,674	----	224,674
Salmon.....	7,010	----	----	427,612	----	434,622
Shad.....	----	1,351	----	----	----	1,351
Sturgeon.....	----	----	----	2,457	----	2,457
Miscellaneous fish.....	----	----	----	65,502	----	65,502
Mexico and Central America:						
Tuna, albacore.....	----	----	----	433,643	----	433,643
Tuna, bluefin.....	----	----	----	76,993	452,435	529,428
Tuna, skipjack.....	----	----	----	173,216	1,280,170	1,453,386
Tuna, yellowfin.....	----	----	----	5,351,592	2,147,288	7,498,880
Miscellaneous fish.....	----	----	----	3,564	----	3,564
Crustacean:						
Shrimp, unclassified.....	----	----	440	----	----	440
Mollusk:						
Clam, Pismo.....	----	----	79,680	1,963,992	----	2,043,672
South America:						
Bonito.....	----	----	----	10,709	----	10,709
Tuna, skipjack.....	----	----	----	12,915,014	5,650,296	18,565,310
Tuna, yellowfin.....	----	----	----	6,085,482	2,381,487	8,466,969
Japan:						
Tuna, albacore.....	----	5,085,003	----	20,655,278	1,299,022	27,039,303
Tuna, bigeye.....	----	392,838	----	3,512,536	1,481,520	5,386,894
Tuna, oriental.....	----	----	----	164,710	20,833	185,543
Tuna, skipjack.....	----	609,840	----	3,815,979	946,197	5,372,016
Tuna, yellowfin.....	----	12,542,236	----	58,413,408	7,579,066	78,534,710
China (Formosa)						
Tuna, albacore.....	----	----	----	12,375	----	12,375
Tuna, yellowfin.....	----	----	----	155,196	----	155,196
Total pounds.....	7,010	18,640,358	80,120	114,748,423	23,272,229	156,748,140

TABLE 25

Origin of Commercial Fish Landings and Shipments Into California During 1958

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Fish:						
Anchovy	11,602,724	---	---	11,602,724	---	11,602,724
Barracuda, California	753,266	---	161,993	915,259	---	915,259
Bonito	4,804,784	---	742,022	5,546,806	10,709	5,557,515
Cabezon	19,520	---	---	19,520	---	19,520
Cabrilla	---	---	8,990	8,990	---	8,990
Carp	696,904	---	---	696,904	---	696,904
Croaker, white	770,534	---	---	770,534	---	770,534
Eel	---	---	---	---	1,085	1,085
Flounder	464,159	7,043	---	471,202	---	471,202
Flyingfish	37,673	---	---	37,673	---	37,673
Grouper	---	---	322,831	322,831	---	322,831
Hake	1,027,639	107,499	---	1,135,138	---	1,135,138
Halibmoon	4,455	---	---	4,455	---	4,455
Halibut, arrowtooth	575,761	68,119	---	643,880	---	643,880
Halibut, California	256,075	---	11,371	267,446	---	267,446
Halibut, Pacific	8,250	21	---	8,271	16,244	24,515
Hardhead	59,373	---	---	59,373	---	59,373
Herring, Pacific	2,399,730	---	---	2,399,730	---	2,399,730
Lingcod	1,526,061	73,359	95	1,599,515	---	1,599,515
Mackerel, jack	22,065,801	---	---	22,065,801	---	22,065,801
Mackerel, Pacific	27,635,160	---	13,325	27,648,485	---	27,648,485
Opaleye	2,351	---	---	2,351	---	2,351
Perch	189,679	---	---	189,679	---	189,679
Pompano, California	80,564	---	---	80,564	---	80,564
Ratfish	25,800	---	---	25,800	---	25,800
Rock bass	---	---	375	375	---	375
Rockfish	17,558,885	265,562	16,716	17,842,163	---	17,842,163
Sablefish	1,692,293	40,699	---	1,732,992	224,674	1,957,666
Salmon	3,646,100	10,741	---	3,656,841	464,769	4,121,610
Sanddab	404,872	1,566	---	406,438	---	406,438
Sardine	207,445,837	---	---	207,445,837	---	207,445,837
Sargo	1,740	---	---	1,740	---	1,740
Sculpin	64,872	---	---	64,872	---	64,872
Sculpin, staghorn	257	---	---	257	---	257
Sea bass, black	9,962	---	206,065	216,027	---	216,027
Seabass, white	2,750,652	---	99,111	2,849,763	---	2,849,763
SeatROUT, greenling	4,750	---	---	4,750	---	4,750
Shad	---	---	---	---	1,351	1,351
Shark	474,754	---	16,959	491,713	---	491,713
Sheep-head	10,256	---	1,110	11,366	---	11,366
Sierra	---	---	2,693	2,693	---	2,693
Skate	176,896	---	---	176,896	---	176,896
Smelt	549,854	---	---	549,854	---	549,854
Sole, Dover	6,913,803	1,139,237	---	8,053,040	---	8,053,040
Sole, English	4,948,543	201,691	---	5,150,234	---	5,150,234
Sole, petrale	2,630,022	527,656	---	3,157,678	---	3,157,678
Sole, rex	1,381,533	41,358	---	1,422,891	---	1,422,891
Sole, sand	24,220	120	---	24,340	---	24,340
Sole, miscellaneous	15,244	---	---	15,244	---	15,244
Splittail	157	---	---	157	---	157
Sturgeon	---	---	---	---	2,457	2,457
Swordfish	471,075	---	700	471,775	---	471,775
Tuna, albacore	25,387,036	1,075,988	724,753	27,187,777	27,485,321	54,673,098
Tuna, bigeye	---	---	5,245	5,245	5,386,894	5,392,139
Tuna, bluefin	15,609,801	---	15,109,431	30,719,232	529,428	31,248,660
Tuna, bluefin (Atlantic)	---	---	---	---	43,005	43,005
Tuna, oriental	---	---	---	---	185,543	185,543
Tuna, skipjack	2,488,907	---	120,278,837	122,767,544	25,390,712	148,158,256
Tuna, yellowfin	417,710	---	123,001,684	123,419,394	94,655,755	218,075,149
Turbot	72,389	126	---	72,515	---	72,515

TABLE 25—Continued

Origin of Commercial Fish Landings and Shipments Into California During 1958

Species	Landings from				Shipments ¹	Grand total
	California waters	Waters north of State	Waters south of State	Total pounds		
Wahoo.....	-----	-----	23,833	23,833	-----	23,833
Whitebait.....	306,805	-----	-----	306,805	-----	306,805
Whitefish, ocean.....	1,232	-----	670	1,902	-----	1,902
Yellowtail.....	105,486	-----	64,144	169,630	-----	169,630
Miscellaneous fish.....	8,602	-----	66	8,668	306,081	314,749
Crustacean:						
Crab.....	17,282,766	-----	-----	17,282,766	-----	17,282,766
Crab, rock.....	166,962	-----	-----	166,962	-----	166,962
Lobster, spiny.....	632,618	-----	-----	632,618	-----	632,618
Prawn.....	911	-----	-----	911	-----	911
Shrimp, bay.....	45,955	-----	-----	45,955	-----	45,955
Shrimp, ocean.....	1,728,680	-----	-----	1,728,680	-----	1,728,680
Shrimp, unclassified.....	-----	-----	-----	-----	440	440
Mollusk:						
Abalone.....	4,224,018	-----	-----	4,224,018	-----	4,224,018
Clam, gaper.....	680	-----	-----	680	-----	680
Clam, jackknife.....	8,788	-----	-----	8,788	-----	8,788
Clam, Pismo.....	-----	-----	-----	-----	2,043,672	2,043,672
Clam, Washington.....	3,961	-----	-----	3,961	-----	3,961
Octopus.....	15,110	580	-----	15,690	-----	15,690
Oyster, eastern.....	32,087	-----	-----	32,087	-----	32,087
Oyster, giant Pacific.....	9,599,062	-----	-----	9,599,062	-----	9,599,062
Oyster, native.....	15,762	-----	-----	15,762	-----	15,762
Sea snail.....	153	-----	-----	153	-----	153
Squid.....	7,457,418	-----	-----	7,457,418	-----	7,457,418
Total pounds.....	411,736,739	3,561,365	260,812,819	676,170,923	156,748,140	832,919,063

¹ For origin of shipments refer to Table 24.

TABLE 26
Monthly Landings and Shipments Into California During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS:													
Fish:													
Anchovy.....	1,862,565	811,900	368,225	308,900	558,960	1,644,725	1,506,935	695,480	622,916	1,118,239	1,054,626	1,019,163	11,602,724
Barracuda, California.....	66,843	47,767	83,048	125,872	146,929	71,117	128,442	119,950	23,664	41,290	23,086	40,168	915,259
Bonito.....	21,964	235,287	430,202	42,024	1,732	25,058	2,730,383	796,069	465,980	115,738	342,197	325,202	5,546,806
Cabezon.....	536	4,365	1,984	1,188	5,628	1,899	1,303	318	353	807	710	159	19,520
Cabrilla.....	1,255	-----	1,145	-----	385	4,078	-----	30	-----	-----	-----	1,390	8,990
Carp.....	64,465	80,530	79,712	97,623	62,652	23,458	19,905	17,685	23,672	55,649	49,704	121,849	696,904
Croaker, white.....	59,548	3,669	27,644	79,284	58,512	130,212	61,100	38,123	46,028	34,557	131,749	97,128	770,534
Flounder.....	30,217	25,025	103,297	30,127	34,871	26,168	25,517	29,427	86,246	55,560	17,179	8,348	471,202
Flyingfish.....	-----	-----	-----	55	5,160	12,852	13,703	3,903	-----	6,144	56,820	96,390	37,673
Grouper.....	100,150	27,624	23,438	-----	1,405	9,970	-----	800	-----	-----	-----	-----	322,831
Hake.....	31,502	7,377	14,215	81,403	281,846	133,746	104,355	114,152	123,301	174,706	68,535	-----	1,135,138
Halibut.....	-----	466	747	1,106	1,599	390	77	70	-----	-----	-----	-----	4,455
Halibut, arrowtooth.....	8,678	1,605	3,773	42,189	47,355	94,673	128,378	128,798	61,929	103,551	20,513	2,438	643,880
Halibut, California.....	42,551	23,763	26,374	34,046	20,845	27,083	22,820	13,608	5,082	17,332	16,561	17,491	267,446
Halibut, Pacific.....	-----	-----	-----	-----	3,251	1,666	2,380	616	83	275	-----	-----	8,271
Hardhead.....	3,974	6,247	6,653	3,593	-----	20	-----	-----	-----	3,580	12,315	22,991	56,373
Herring, Pacific.....	1,297,938	293,306	68,473	1,466	243,553	203,989	262,515	4,950	17,190	140,854	81,811	6,680	2,398,730
Lingcod.....	46,153	24,411	94,096	70,302	135,230	204,980	337,250	224,423	168,997	140,854	81,811	71,008	1,399,515
Mackerel, jack.....	3,891,482	3,360	76,432	190,551	78,432	607,257	112,262	1,784,894	2,618,938	8,788,811	1,607,230	804,364	22,063,801
Mackerel, Pacific.....	3,854,700	903,748	1,888,943	1,633,970	2,315,865	1,299,934	1,220,176	1,528,504	806,489	2,806,140	3,923,608	5,451,408	27,618,485
Opaleye.....	-----	138	783	688	68	160	-----	32,049	201	-----	11,895	313	2,351
Perch.....	11,904	7,564	28,133	37,122	9,819	-----	20,334	32,049	14,956	16,848	11,895	8,871	186,679
Pompano.....	3,907	3,687	12,240	7,125	-----	4,055	2,528	515	33,125	1,059	1,571	632	80,364
Ratfish.....	-----	100	-----	775	-----	-----	-----	9,995	-----	-----	14,455	875	25,370
Rock bass.....	375	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	375
Rockfish.....	1,262,012	988,566	2,258,554	1,534,997	1,849,134	1,530,918	1,623,519	1,284,031	1,391,083	1,575,974	1,149,867	1,393,508	17,842,163
Sablefish.....	63,547	39,875	146,805	162,669	216,999	241,041	185,798	125,890	121,230	177,817	141,402	109,919	1,732,992
Salmon.....	-----	-----	-----	72,619	1,193,634	1,039,239	950,025	295,244	97,080	25,028	23,950	21,474	3,656,831
Sanddab.....	30,006	42,334	67,252	26,806	42,290	31,210	41,855	26,111	28,092	25,028	23,950	21,474	406,438
Sardine.....	258,585	202,109	168,809	297,745	332,961	318,100	332,808	9,512,824	69,708,382	74,886,235	34,791,640	16,665,639	207,445,837

Sargo.....	---	1,260	450	14,764	9,374	4,071	1,307	815	1,740
Sculpin.....	648	1,500	12,184	17,005	14,764	9,374	1,307	815	64,872
Sculpin, staghorn.....	75	---	---	---	---	---	---	---	257
Sea bass, black.....	4,037	946	26,227	22,063	69,053	98,523	1,808	3,479	216,027
Seabass, white.....	188,294	60,684	52,592	154,439	761,939	747,654	107,300	151,442	2,842,763
Seatrout, greenling.....	424	801	486	95	965	1,050	100	71,666	4,750
Shark.....	27,361	31,638	42,462	37,262	43,017	43,719	26,125	44,928	49,713
Sheep-head.....	2,266	209	624	733	754	671	116	1,890	11,368
Sierra.....	2,570	---	33	---	---	90	---	1,543	9,693
Skate.....	20,449	14,883	9,327	4,980	11,892	26,143	5,550	10,680	176,896
Smelt.....	14,143	13,082	19,999	34,764	62,043	90,668	57,327	91,286	107,165
Sole, Dover.....	76,376	739,456	1,283,657	811,396	919,844	1,149,586	917,341	872,357	863,040
Sole, English.....	366,790	453,541	582,783	407,281	456,091	466,966	382,218	610,498	3,150,293
Sole, petrale.....	365,658	189,348	275,816	332,472	310,258	301,649	562,539	156,948	3,157,678
Sole, rex.....	148,737	100,677	166,902	100,264	101,868	120,617	121,956	155,862	1,422,891
Sole, sand.....	1,270	385	508	645	3,100	990	3,910	2,988	24,340
Sole, miscellaneous.....	1,115	1,836	3,589	2,714	517	526	103	828	19,244
Splittail.....	147	---	---	54,711	204,991	137,994	66,790	7,129	471,775
Swordfish.....	---	---	---	14,228	7,150,165	10,627,697	6,038,085	3,207,589	129,020
Tuna, albacore.....	6,337	1,843	---	---	---	---	---	---	27,181,777
Tuna, bigeye.....	---	---	---	---	---	---	---	---	5,215
Tuna, bluefin.....	---	435,458	---	---	---	---	---	---	30,719,232
Tuna, skipjack.....	7,368,266	10,811,887	6,499,423	9,701,749	15,487,807	12,725,317	12,214,349	10,695,877	9,409,777
Tuna, yellowfin.....	9,184,201	7,509,627	15,245,953	16,411,997	13,236,329	12,360,371	5,928,132	8,923,102	123,419,594
Turbot.....	7,920	1,843	1,367	920	3,429	1,617	15,869	11,785	72,515
Wahoo.....	649	114	6,688	131	330	527	510	335	23,833
Whitebait.....	76,611	52,606	30,094	26,474	19,881	3,549	---	---	306,808
Whitefish, ocean.....	107	23	619	94	44	---	---	162	1,902
Yellowtail.....	8,354	33,882	7,192	9,557	18,911	7,281	13,699	8,278	169,630
Miscellaneous fish.....	2,945	94	284	558	2,107	2,354	102	---	8,668
Crustacean:	---	---	---	---	---	---	---	---	---
Crab.....	3,210,913	3,032,338	1,248,296	314,209	28,858	---	---	2,565,887	17,282,766
Crab, rock.....	14,377	12,981	25,322	21,798	14,334	20,343	11,151	12,357	106,962
Crab, spiny.....	79,381	47,079	9,229	---	---	---	---	129,593	632,618
Lobster.....	199	69	---	221	94	60	178	30	31
Prawn.....	8,883	3,633	4,430	2,605	4,982	10,708	3,106	2,050	45,955
Shrimp, bay.....	---	---	2,921	417,933	359,838	346,654	315,578	1,441	1,728,680
Shrimp, ocean.....	---	---	286,636	---	---	---	---	---	---
Mollusk:	---	---	---	---	---	---	---	---	---
Abalone.....	338,399	---	551,320	279,957	472,909	301,222	468,288	467,570	4,224,018
Clam, gaper.....	20	100	---	100	340	40	---	240	8,680
Clam, jackknife.....	357	951	1,371	1,354	1,227	974	583	257	8,788
Clam, Washington.....	312	507	91	---	---	---	---	690	3,961
Octopus.....	3,404	2,909	1,560	1,239	737	998	129	185	13,690

TABLE 26—Continued
Monthly Landings and Shipments into California During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Oyster, eastern.....	11,528	9,599		120	476	524	696	1,669	1,114	2,310	1,365	2,686	32,087
Oyster, giant Pacific.....	1,039,566	959,360	1,045,026	627,202	1,071,041	311,936	153,469	87,796	112,704	1,307,617	1,417,014	1,466,331	9,509,692
Oyster, native.....	1,453	2,647	2,302	2,556	1,024	16	800	440	2,177	320	440	1,587	15,762
Sea snail.....	40	15			71	27							15,153
Squid.....	808,612	1,572,000	924,730	514,710	213,775	807,700	1,178,250	1,178,556	263,630	155			7,457,418
Total pounds.....	38,408,526	28,908,559	32,989,418	34,919,954	37,121,748	38,611,837	62,962,683	67,964,150	108,114,719	113,762,970	64,148,690	50,254,669	676,170,923
SHIPMENTS:													
Fish:													
Bonito.....						4,853	5,856						10,709
Eel.....	1,085												1,085
Halibut, Pacific.....								16,244					16,244
Sablefish.....	5,800	22,802	38,123	75,295				30,500	5,000	47,154			224,674
Salmon.....		3,150	2,887	11,772	27,754	39,262	34,821	155,942	48,777	140,404			464,769
Shad.....					1,351								1,351
Sturgeon.....		915	628							914			2,457
Tuna, albacore.....	3,154,582	3,676,075	1,971,606	2,282,897	3,289,443	1,916,656	3,976,385	1,845,513	550,401	1,000,868	1,303,956	2,336,939	27,485,321
Tuna, bigeye.....	177,608	159,479	260,000	141,904	319,950	440,061	1,671,285	1,807,364	182,637	90,005	119,231	17,280	5,386,894
Tuna, bluefin.....							404,857	78,438	46,133				529,428
Tuna, bluefin (Atlantic).....									33,915		9,090		43,005
Tuna, oriental.....		10,184	94,024	56,902							20,833		185,543
Tuna, skipjack.....	502,320	1,509,744	371,890	392,682	496,841	1,246,466	1,135,176	4,235,095	5,516,417	5,138,513	2,802,981	2,041,567	25,390,712
Tuna, yellowfin.....	6,722,156	5,284,749	5,816,647	7,360,311	6,550,733	8,268,853	10,870,241	11,153,685	8,000,378	6,791,141	8,220,972	9,003,939	94,655,755
Miscellaneous fish.....	32,065	91	115	3,225	4,714	34,750	68,351	77,166	63,331	21,970			306,081
Crustacean:													
Shrimp, unclassified.....		330		110									440
Mollusk:													
Clam, Pismo.....					3,840	257,520			1,184,592	12,000	192,240	16,800	2,043,672
Total pounds.....	10,717,896	10,790,399	8,677,470	10,347,658	10,694,626	12,208,421	18,166,975	19,100,197	16,231,581	13,337,059	12,759,303	13,416,555	156,748,140
Grand total.....	47,126,422	39,698,958	41,666,888	45,267,612	47,816,374	50,823,258	81,129,658	87,364,347	124,346,300	127,100,029	76,907,993	63,671,224	832,919,063

¹ For origin of shipments refer to Table 24.

TABLE 27
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
Fish:													
Flounder.....	9,040	585	11,291	3,202	27,031	17,486	16,887	23,953	26,039	23,888	4,057	6,426	170,005
Hake.....	27,267	5,502	12,115	66,580	238,076	82,113	90,200	83,257	88,225	171,706	68,300	---	955,359
Halibut, arrowtooth.....	7,693	110	3,293	30,387	41,331	76,968	104,010	101,626	42,325	101,716	20,363	1,643	357,465
Halibut, California.....	---	---	---	---	---	---	---	---	---	---	---	---	31
Halibut, Pacific.....	---	---	---	---	3,251	1,645	2,380	616	83	275	---	---	8,250
Herring, Pacific.....	40,278	---	---	57	58,415	103,840	159,751	91,803	63,637	75,502	29,434	3,942	44,277
Lingcod.....	10,502	1,398	22,460	32,996	---	---	15,254	20,072	11,895	9,757	5,311	20,335	671,008
Perch.....	4,814	1,674	13,123	18,509	---	---	---	8,595	---	---	---	1,746	108,555
Ratfish.....	---	---	---	---	353,632	325,578	458,238	239,556	260,500	519,747	242,903	166,332	9,595
Rockfish.....	144,446	45,410	524,800	203,564	---	---	---	---	---	---	---	---	3,548,766
Sablefish.....	23,109	2,250	76,775	100,346	189,482	183,505	142,229	107,090	87,503	120,102	89,186	43,936	1,165,513
Salmon.....	---	---	---	41,984	443,515	419,663	423,067	208,616	51,433	---	---	---	1,588,378
Sanddab.....	8,210	3,506	11,604	10,015	13,992	7,471	19,039	12,068	6,242	7,232	4,594	3,411	107,114
Seabass, white.....	---	---	---	---	165	2,285	435	98	51	---	---	---	107,246
Shark.....	20	---	160	40	---	---	---	6,478	---	650	135	45	10,443
Skate.....	---	---	50	225	---	1,336	449	21,729	300	300	---	---	24,089
Smelt.....	169	20	---	391	8,257	23,477	53,987	55,166	38,680	8,314	160	---	188,611
Sole, Dover.....	14,770	8,721	24,100	431,102	1,114,883	675,130	783,831	802,711	683,870	770,707	381,597	295,244	5,889,366
Sole, English.....	114,297	46,489	202,058	370,458	433,791	238,525	249,000	253,005	361,044	430,630	212,888	105,956	3,018,202
Sole, petrale.....	228,574	16,657	57,239	68,478	89,760	153,477	139,845	73,437	56,959	114,185	74,048	212,895	1,286,154
Sole, rex.....	58,592	8,939	59,897	56,631	110,928	72,014	75,838	81,342	74,412	100,707	62,275	39,482	801,127
Sole, sand.....	35	50	747	297	48	175	---	425	1,335	736	110	115	4,073
Sole, miscellaneous.....	185	---	1,715	---	---	---	4,233	39,604	1,300	200	---	400	2,500
Tuna, albacore.....	---	---	---	---	594	---	---	---	1,007,602	198,648	14,999	---	1,265,176
Turbot.....	825	973	1,972	691	---	---	164	302	2,004	1,757	9,045	4,233	22,760
Whitebait.....	4,737	21,395	29,561	20,505	20,865	20,635	19,450	2,995	---	---	---	---	149,143
Miscellaneous fish.....	2,845	---	---	---	50	---	1,537	32	---	---	---	---	1,464
Crustacean:													
Crab.....	1,755,708	2,335,096	2,737,893	1,304,970	905,903	314,209	28,558	---	---	---	145	200,517	9,582,999
Crab, rock.....	---	---	---	565	9,004	845	---	---	---	---	---	---	11,014
Shrimp, ocean.....	---	---	---	---	160,930	344,094	314,604	339,620	307,865	---	---	---	1,467,113

TABLE 27—Continued
Monthly Landings and Shipments of Commercial Fish Into the Eureka Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Mollusk:													
Clam, Washington	507	312	777	1,624	91	370	102	527	105	---	---	650	3,961
Octopus	---	---	125	15	575	---	170	---	---	---	---	---	1,819
Oyster, giant, Pacific	765,125	685,725	761,375	431,050	972,730	234,025	44,770	---	---	1,179,150	1,140,300	1,188,700	7,402,950
Oyster, native	468	2,106	1,638	1,365	---	---	---	---	---	---	---	1,587	7,164
Total pounds	3,222,206	3,186,918	4,554,859	3,207,278	5,217,989	3,302,166	3,147,918	2,640,141	3,144,169	3,835,699	2,360,240	2,229,275	40,048,858
Waters north of state:													
Fish:													
Flounder	---	---	---	1,917	---	---	---	445	4,305	---	---	376	7,043
Hake	---	---	---	14,385	6,685	18,518	2,500	27,375	35,026	3,000	---	---	107,499
Halibut, arrowtooth	---	---	---	5,292	5,004	8,500	10,447	21,397	16,479	1,000	---	---	68,119
Halibut, Pacific	---	---	---	---	---	21	---	---	---	21	---	---	21
Lingcod	---	---	---	2,851	3,212	5,006	5,930	25,100	27,953	2,971	62	274	73,359
Rockfish	---	---	---	23,955	14,651	26,091	22,988	65,266	86,012	9,021	360	13,494	285,562
Sablefish	3,724	---	---	9,612	3,451	1,162	4,430	7,167	7,241	1,940	2,021	3,259	40,699
Salmón	416	---	---	85	---	10,200	74	382	---	---	---	---	10,741
Sanddab	---	---	---	48	197	516	208	145	428	---	---	25	1,566
Sole, Dover	706	---	---	179,764	117,244	89,941	72,698	306,085	241,116	51,120	21,365	58,298	1,139,237
Sole, English	54	---	---	19,993	14,304	19,828	15,558	32,204	73,540	22,962	---	3,248	201,691
Sole, petrale	155	---	---	4,798	28,351	59,195	40,358	136,720	209,904	33,313	4,525	10,334	527,656
Sole, rex	---	---	---	7,707	3,450	5,268	2,243	7,589	11,130	2,217	900	854	41,358
Sole, sand	---	---	---	---	---	---	---	---	120	---	---	---	120
Sole, albacore	---	---	---	---	---	---	---	28,524	71,552	7,219	---	---	107,325
Tuna	---	---	---	---	---	---	---	---	---	78	---	---	126
Turbot	---	---	---	---	48	---	---	---	---	---	---	---	---
Mollusk:													
Octopus	---	---	---	---	---	271	---	309	---	---	---	---	580
Total pounds	5,055	---	---	270,417	196,600	244,516	177,434	659,308	784,836	135,141	29,233	90,162	2,592,702
SHIPMENTS:¹													
Fish:													
Salmon	---	---	---	---	---	600	440	2,382	3,588	---	---	---	7,010
Total pounds	---	---	---	---	---	600	440	2,382	3,588	---	---	---	7,010
Grand total	3,227,261	3,186,918	4,554,859	3,477,695	5,414,589	3,547,282	3,325,792	3,301,831	3,932,593	3,970,840	2,389,473	2,319,473	42,648,570

¹ For origin of shipments refer to Table 24.

TABLE 28—Continued
Monthly Landings and Shipments of Commercial Fish Into the San Francisco Area During 1958¹

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Spittail	147	---	---	---	---	---	438,653	741,770	1,031,897	641,221	34,895	10	157
Tuna, albacore	3,580	3,480	6,700	725	725	860	3,265	1,115	13,865	4,084	1,330	200	2,888,436
Turbot	3,435	8,608	19,273	23,321	9,219	5,232	431	554	13,865	---	---	---	39,929
Whitebait	---	---	---	10	65	---	59	2,265	---	---	---	---	70,073
Miscellaneous fish	---	---	---	---	---	---	---	---	---	---	---	---	2,389
Crustacean:													
Crab	1,402,607	646,817	537,351	230,486	326,889	2,005	4,982	10,708	---	3,106	2,534,384	1,726,954	7,405,578
Shrimp, bay	8,883	2,087	3,633	2,921	4,430	60,273	---	950	990	325	---	2,650	45,955
Shrimp, ocean	---	---	---	---	110,206	---	---	---	---	---	---	---	172,804
Mollusk:													
Abalone	---	---	250	1,725	4,025	1,825	2,250	1,000	1,525	475	---	---	13,075
Octopus	394	852	1,177	445	40	---	135	125	---	65	155	---	3,378
Oyster, eastern	11,528	9,599	---	120	476	524	696	1,069	1,114	2,310	1,365	2,686	32,087
Oyster, giant Pacific	62,525	53,785	52,951	42,927	5,636	35,161	39,474	59,546	80,179	54,142	50,939	51,381	588,646
Oyster, native	985	511	664	1,191	1,024	16	800	440	2,177	320	440	---	8,598
Total pounds	3,789,296	1,825,118	2,053,638	1,098,914	1,770,474	1,255,362	1,669,331	1,513,429	2,049,490	1,639,891	3,404,228	3,039,465	25,138,636
Waters south of State:													
Fish:													
Tuna, skipjack	---	---	---	---	45,980	---	---	---	---	---	---	---	45,980
Tuna, yellowfin	---	---	---	---	200,206	---	---	---	---	---	---	---	200,206
Total pounds	---	---	---	---	246,186	---	---	---	---	---	---	---	246,186
SHIPMENTS:²													
Fish:													
Shad	---	---	---	---	---	---	---	---	---	---	---	---	1,351
Tuna, albacore	283,450	337,793	665,660	276,790	649,410	663,790	235,330	452,750	294,860	241,510	127,130	846,540	5,055,003
Tuna, bigeye	177,608	---	---	---	---	80,000	---	61,670	---	---	64,360	9,200	392,838
Tuna, bluefin (Atlantic)	---	---	---	---	---	---	---	---	---	---	9,090	---	9,090
Tuna, skipjack	---	---	20,150	---	60,500	---	---	---	395,500	124,500	9,100	9,100	609,840
Tuna, yellowfin	1,035,654	688,030	738,872	255,870	747,710	1,209,530	1,493,190	1,168,426	1,524,110	1,396,430	1,241,320	1,113,094	12,542,235
Total pounds	1,506,712	1,025,823	1,424,682	532,660	1,459,061	1,953,320	1,658,510	1,682,846	2,214,470	1,762,440	1,441,900	1,977,934	18,640,358
Grand total	5,296,008	2,850,941	3,478,320	1,631,574	3,475,721	3,208,682	3,327,841	3,226,275	4,263,960	3,402,331	4,846,128	5,917,399	44,025,180

¹ Includes 696,741 pounds of carp, 59,225 pounds hardhead, and 157 pounds of spittail landed in Sacramento area. In September 1957 the Legislature closed the Sacramento River to gill nets. Most of the fish landed in that area (salmon and shad) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landings.

² For origin of shipments refer to Table 24.

TABLE 29
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy	---	---	---	2,600	1,000	---	1,700	5,500	22,100	90,050	54,000	305,380	542,320
Barracuda, California	---	---	---	200	---	---	---	---	---	---	---	---	200
Cabezon	296	---	450	970	5,159	1,829	1,303	311	344	1,100	769	83	12,611
Croaker, white	716	530	1,475	40,577	25,307	13,870	9,148	6,096	20,272	20,429	7,710	1,085	147,815
Flounder	5,681	2,277	1,011	630	1,736	2,166	2,325	1,989	737	2,317	362	175	21,606
Hake	4,235	1,875	2,100	500	4,370	12,660	11,555	1,520	50	---	---	---	38,965
Halibut, California	1,741	378	1,316	649	603	1,951	3,864	903	93	587	200	369	737,663
Herring, Pacific	---	---	200	1,355	243,553	203,989	262,515	4,950	17,120	6,379	10,510	11,605	735,682
Lingcod	11,432	5,910	20,725	8,181	27,603	31,100	61,462	32,856	8,372	15,082	19,604	750	236,135
Mackerel, jack	303,260	---	458	280	3,900	4,079	5,405	1,609,826	1,100,555	---	---	---	3,263,194
Mackerel, Pacific	1,266	---	559	---	3,795	---	1,116	267	177	27,546	4,380	126,455	162,676
Perch	---	2,522	---	970	---	---	1,116	360	33,004	802	559	797	9,065
Pompano, California	---	---	6	---	2,604	1,872	2,135	---	---	915	---	19	40,945
Ratfish	---	100	---	775	---	---	---	---	---	---	---	---	873
Rockfish	370,359	497,427	736,357	458,573	621,555	589,022	588,183	452,576	376,013	369,722	322,594	474,655	5,857,036
Sablefish	5,880	2,743	6,485	140	4,371	19,254	8,065	6,113	6,086	760	695	300	60,842
Salmon	---	---	---	26,726	170,703	50,483	23,636	4,801	832	---	---	---	277,181
Sanddab	3,677	1,588	3,851	1,829	3,263	13,832	5,383	3,862	3,322	5,053	2,161	248	48,669
Sardine	---	---	---	---	960	6,400	31,378	1,846,221	7,514,038	2,965,722	1,201,350	3,217,870	16,783,930
Seabass, white	28	780	2,213	372	155	1,938	17,857	27,931	10,296	15,694	10,388	4,509	92,161
Seatrout, greenling	---	---	---	255	40	95	965	1,050	100	---	---	---	3,505
Shark	2,793	8,075	970	1,596	1,702	2,692	10,574	12,441	2,220	1,777	885	3,658	45,393
Skate	4,060	4,228	7,002	4,210	3,850	1,103	1,297	---	---	---	---	---	35,277
Snelt	175	1,878	325	2,351	1,095	3,020	1,480	5,583	5,755	8,264	2,759	3,250	33,335
Sole, Dover	---	---	---	120	---	---	---	---	---	---	610	---	730
Sole, English	16,489	14,076	16,035	11,258	42,845	36,288	26,555	29,645	17,850	21,535	17,350	5,757	255,713
Sole, petrale	7,060	11,020	15,447	11,964	18,260	12,252	6,982	14,629	3,571	692	6,381	1,036	110,394
Sole, rex	3,593	6,520	4,370	2,650	2,831	4,041	1,470	2,522	1,034	906	3,669	5,306	38,742
Sole, miscellaneous	914	193	596	304	1,201	2,259	397	292	439	58	---	63	3,616
Tuna, albacore	---	---	---	---	---	---	515,022	766,553	600,193	302,644	5,789	---	2,190,201
Whitebait	68,439	22,603	4,174	756	10	607	---	---	---	---	---	---	96,580
Miscellaneous fish	100	18	---	---	---	---	---	---	---	15	---	---	133

TABLE 29—Continued
Monthly Landings of Commercial Fishing Boats in the Monterey Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Crustacean:													
Crab	27,585	21,603	16,062	10,509	6,275	---	---	---	---	---	14,415	30,615	127,064
Prawn	199	69	---	---	---	221	94	60	178	60	---	30	911
Mollusk:													
Clam, gaper	---	60	20	100	---	100	340	40	---	---	---	20	680
Octopus	1,572	927	303	44	65	345	291	---	---	---	---	---	3,572
Squid	1,550	9,835	88,520	173,740	205,805	802,700	1,178,250	1,178,556	263,930	50	25	---	3,902,936
Grand total	843,100	617,235	931,010	765,244	1,404,616	1,820,168	2,781,077	6,017,433	10,008,581	3,998,159	1,387,474	4,287,622	35,132,739

TABLE 30
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy	---	---	---	---	---	78,000	517,445	1,136	1,777	5,086	3,897	31,650	627,095
Barracuda, California	---	147	25,468	6,471	28,864	645	312	1,711	14,229	8,506	1,917	835	74,638
Bonito	221	---	---	191	344	44	---	---	9	45	---	76	29,708
Cabazon	228	65	258	68	---	---	68	---	---	831	1,046	140	1,223
Croaker, white	217	---	---	---	---	---	---	---	---	---	---	---	2,370
Flounder	1,116	318	522	73	79	26	---	265	---	---	154	71	2,624
Halibut, California	13,383	10,650	12,764	12,057	7,123	12,274	9,738	10,773	1,998	336	6,899	11,916	109,611
Herring, Pacific	---	300	---	---	---	---	---	---	---	10,746	9,835	8,240	300
Langrood	13,400	7,250	7,665	10,635	20,446	12,911	12,050	7,466	4,404	---	---	---	125,048
Mackerel, jack	3,325,952	---	---	39,700	290	253	1,156	28,229	937,285	361,416	1,276,550	228,096	6,198,927
Mackerel, Pacific	663,300	105,000	5,000	---	108,007	---	---	---	61,450	329,296	123,995	2,275,365	3,671,413
Pacific	2,483	1,014	930	745	---	---	3,123	3,715	2,139	5,055	4,862	4,788	28,854
Rockfish	242,155	124,238	388,411	384,351	384,809	311,797	305,198	193,342	187,649	192,135	257,478	171,983	3,143,546
Sablefish	---	---	100	145	---	340	---	280	---	115	---	599	1,579
Salmon	---	---	---	19	35,163	22,748	36,576	7,874	117	---	---	---	102,497
Sandbar	150	728	380	291	472	395	743	7,596,980	15,790,870	14,276,998	6,546,235	2,715,982	3,166
Sardine	56,440	---	---	---	---	61,600	64,750	---	---	---	---	---	47,109,855
Sea bass, black	367	---	---	27	401	---	206	---	---	---	---	---	1,011
Seabass, white	9,497	3,917	6,412	9,801	27,984	31,625	62,709	78,630	30,797	38,505	49,455	65,560	414,892
Seatout, greenling	424	555	274	546	446	---	---	---	---	---	---	---	2,245
Shark	6,116	393	7,879	6,153	11,981	3,140	2,332	2,637	1,692	3,875	4,514	7,108	57,820
Sheep-head	---	---	---	18	---	---	---	---	---	---	---	---	180
Shake	3,142	1,926	247	199	---	---	---	---	---	---	---	---	559
Smelt	44	---	---	8	---	---	---	92	14	80	103	91	5,754
Sole, Dover	---	---	---	---	280	---	---	---	---	---	225	135	640
Sole, English	36,467	27,269	30,930	15,497	14,114	11,965	15,434	11,435	8,029	14,644	18,167	7,727	211,678
Sole, petrale	39,184	32,498	45,526	31,231	78,162	32,198	56,920	34,605	43,375	43,655	31,274	22,693	491,321
Sole, rex	---	---	---	---	15,155	4,821	2,297	4,269	3,145	5,272	7,872	5,062	95,841
Sole, sand	10,162	7,815	17,237	12,734	15,155	4,821	2,297	4,269	3,145	5,272	7,872	5,062	95,841
Sole, miscellaneous	5	---	165	870	525	75	---	234	24	---	103	365	2,366

TABLE 30—Continued
Monthly Landings and Shipments of Commercial Fish Into the Santa Barbara Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
Swordfish.....	---	---	---	---	---	15,885	32,852	31,884	25,353	5,603	160	---	111,737
Tuna, albacore.....	---	---	---	---	---	---	213,507	880,602	688,405	93,639	---	---	1,876,153
Tuna, bluefin.....	---	---	---	---	---	---	---	---	---	26	---	---	26
Tuna, skipjack.....	---	---	---	---	---	---	---	28	---	80	---	---	108
Turbot.....	3,515	3,760	360	317	---	---	---	---	---	97	1,411	70	9,580
Whitefish, ocean.....	---	114	---	---	14	---	---	25	---	---	385	---	128
Yellowtail.....	---	---	---	---	182	4	---	---	---	812	---	---	1,442
Miscellaneous fish.....	---	---	---	50	---	---	---	---	---	---	---	---	50
Crustacean:													
Crab.....	24,923	28,822	29,413	9,384	9,229	---	---	---	---	---	16,943	48,411	167,125
Crab, rock.....	5,536	7,316	2,300	2,748	7,876	12,140	4,065	10,852	3,288	2,871	---	495	59,517
Lobster, spiny.....	17,254	15,424	6,357	---	---	---	---	---	---	22,673	30,523	35,382	127,613
Shrimp, ocean.....	---	---	---	---	15,740	13,566	45,234	6,084	7,023	1,116	---	---	88,763
Mollusk:													
Abalone.....	105,493	---	41,745	215,757	271,665	200,590	240,599	167,760	244,723	179,206	191,032	258,751	2,117,321
Octopus.....	1,354	1,130	1,294	702	880	237	145	---	---	105	78	85	6,010
Oyster, giant Pacific.....	211,916	219,850	230,700	153,225	92,675	42,750	69,225	28,250	32,525	74,325	225,775	226,250	1,907,466
Squid.....	---	---	---	---	---	---	---	---	---	105	---	---	105
Total pounds.....	4,794,444	600,469	862,337	914,013	1,132,906	870,029	1,696,714	9,109,172	18,090,354	15,677,325	8,812,298	6,130,996	68,691,087
SHIPMENTS:¹													
Crustacean:													
Shrimp, unclassified.....	---	330	---	110	---	---	---	---	---	---	---	---	440
Mollusk:													
Clam, Pismo.....	15,360	26,880	23,040	10,560	3,840	---	---	---	---	---	---	---	79,680
Total pounds.....	15,360	27,210	23,040	10,670	3,840	---	---	---	---	---	---	---	80,120
Grand total.....	4,809,804	627,709	885,377	924,683	1,136,746	870,029	1,696,714	9,109,172	18,090,354	15,677,325	8,812,298	6,130,996	68,771,207

¹ For origin of shipments refer to Table 24.

TABLE 31
Monthly Landings and Shipments of Commercial Fish Into the Los Angeles Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California Waters:													
Fish:													
Anchovy	1,862,565	811,900	368,225	306,390	557,960	1,566,725	987,740	687,142	600,816	1,055,855	998,288	622,133	10,425,739
Baracauda	463	1,007	7,778	51,139	96,034	68,424	81,647	81,620	15,973	1,019	458	2,102	407,664
Bonito	4,866	213,418	413,583	41,439	17,643	21,207	2,260,096	557,626	346,462	5,949	338,445	317,601	4,538,335
Croaker, white	58,507	2,785	26,108	38,351	32,897	116,219	50,502	31,556	23,666	12,196	95,292	95,292	613,695
Flyingfish	---	---	---	5	5,160	12,852	13,703	5,903	---	---	---	---	37,673
Halfmoon	---	466	747	989	1,585	390	---	---	170	77	---	---	4,324
Halibut, California	13,785	3,608	6,302	12,552	7,744	1,586	8,958	1,433	1,790	2,682	556	2,840	63,836
Lingcod	---	---	---	35	---	---	17	217	36	153	---	144	820
Mackerel, jack	262,270	3,360	1,491,753	150,571	72,133	602,625	102,065	119,632	575,496	8,272,313	401,085	575,518	12,628,821
Mackerel, Pacific	3,190,533	798,688	1,883,878	1,621,015	2,201,038	1,299,904	1,215,748	1,528,184	703,057	2,447,497	3,798,967	3,046,285	23,737,794
Opaleye	---	138	783	688	68	160	---	---	201	---	---	313	2,351
Pompano, California	3,907	3,687	12,284	7,065	7,215	2,183	145	155	121	102	1,467	906	39,187
Rockfish	43,282	39,073	35,891	49,657	40,229	30,099	38,113	31,098	38,660	52,911	53,017	52,578	504,608
Sablefish	---	---	75	169	25	---	---	---	---	---	---	---	269
Salmon	---	---	---	---	683	2,421	---	---	---	---	---	---	3,104
Sanddab	159	921	1,029	710	889	632	447	102	---	2,077	---	---	6,966
Sardine	202,145	202,109	168,809	267,745	332,001	250,100	236,680	66,053	46,397,954	57,641,515	27,041,055	10,731,787	143,540,953
Sargo	---	---	---	1,290	450	---	---	---	4,048	135	1,144	767	1,740
Scupin	382	202	1,086	1,481	11,258	16,950	14,721	9,374	559	87	55	161	61,548
Sea bass, black	374	11	227	291	344	82	---	398	---	---	---	---	2,589
Seabass, white	54,205	52,738	51,585	34,664	18,879	58,668	530,753	493,413	33,001	20,582	23,090	83,522	1,455,100
Shark	3,516	1,288	3,932	13,225	18,066	15,812	17,198	11,548	10,831	5,757	16,008	11,195	128,396
Sheep-head	45	85	390	19	75	283	497	135	36	41	227	261	2,094
Skate	262	25	381	1,249	102	231	496	39	---	---	---	---	2,785
Smelt	10,870	1,475	18,448	5,779	3,682	100	1,665	23,292	3,505	2,562	77,131	103,266	251,775
Sole, English	---	---	---	---	---	265	---	---	---	---	---	---	265
Sole, petrale	---	---	270	---	---	48	---	---	---	---	---	---	318
Sole, miscellaneous	11	5	---	---	303	---	---	---	---	25	---	---	622
Swordfish	---	---	---	278	---	33,963	116,838	88,118	38,501	1,826	---	---	278,946
Tuna, albacore	3,293	---	---	---	---	770	3,240,468	3,967,150	1,135,854	780,053	61,779	384	9,189,751

TABLE 32
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
LANDINGS FROM:													
California waters:													
Fish:													
Anchovy	31,382	33,805	27,194	67,522	1,725	237	33,276	36,736	5,044	2,334	2,338	9,727	4,672
Barracuda, California	2,532	630	163	585	89	3,837	35,312	15,936	105,289	14,324	5,392	402	270,764
Bonito	12	40	9	4	25	33	182	117	---	71,716	250	---	236,741
Cabezon	48	14	28	---	---	---	---	---	---	5	38	---	133
Croaker, white	---	---	---	---	---	---	---	---	---	14	42	11	489
Halibut	10,296	7,742	5,124	117	14	7,373	165	304	852	7,986	5,848	2,129	131
Halibut, California	---	---	---	7,360	4,502	---	---	---	---	---	---	---	59,681
Langcod	82	108	161	750	13	---	---	---	---	13	317	5	1,416
Maceral, Pacific	867	60	65	12,955	25	30	103	320	41,982	1,801	2,266	2,803	63,277
Rockfish	14,757	15,068	60,903	69,584	55,595	38,698	22,911	11,143	8,749	2,715	1,990	8,808	310,921
Sardine	266	990	661	19	926	55	---	3,570	5,520	2,000	163	---	11,090
Sealpin	1,149	528	70	628	307	---	43	---	---	23	130	48	3,324
Seabass, black	124,434	17,200	89,208	15,847	5,458	61,764	146,872	141,199	27,754	920	546	162	6,372
Seabass, white	12,191	10,433	11,845	19,512	14,962	7,819	6,349	2,791	6,429	58,617	53,800	32,744	775,007
Shark	---	---	---	---	---	---	---	---	---	22,224	29,016	15,753	159,324
Sheep-head	2,256	633	268	172	549	---	257	536	80	1,308	677	867	7,603
Sole, miscellaneous	---	---	386	384	1,560	380	120	---	---	---	---	---	2,830
Swordfish	---	---	---	---	---	4,863	54,601	17,992	2,836	---	---	---	80,392
Tuna, albacore	---	---	---	6,598	---	---	2,168,075	4,077,517	1,287,233	420,854	11,558	12,082	7,977,319
Tuna, bluefin	---	---	---	---	46,809	---	130,286	826,832	---	---	---	---	1,000,525
Tuna, skipjack	---	---	---	---	---	---	13	---	12,026	917,525	513,326	---	1,442,890
Tuna, yellowfin	---	---	---	---	---	---	62	---	---	131,018	16,619	---	147,699
Whitefish, ocean	28	---	---	---	---	---	---	---	---	---	---	---	28
Yellowtail	138	257	694	1,038	5,634	1,799	10,003	961	5,443	7,173	3,665	774	37,579
Miscellaneous fish	---	---	---	9	---	237	297	3	---	---	10	---	556
Crustacean:													
Crab, rock	556	1,474	81	---	---	---	---	---	---	537	103	1,160	3,911
Lobster, spiny	15,478	11,755	7,271	---	---	---	---	---	---	63,968	30,726	27,681	156,879

TABLE 32—Continued
Monthly Landings and Shipments of Commercial Fish Into the San Diego Area During 1958

Species	January	February	March	April	May	June	July	August	September	October	November	December	Total pounds
SHIPMENTS:¹													
Fish:													
Tuna, albacore	---	436,056	61,106	40,212	---	144,470	98,176	63,191	91,834	317,483	99,123	33,205	1,290,022
Tuna, bigeye	---	60,800	260,000	101,000	295,781	30,965	327,864	571,040	46,133	20,309	40,701	---	1,481,520
Tuna, bluefin	---	---	---	---	---	---	---	78,438	33,915	---	---	---	452,435
Tuna, bluefin (Atlantic)	---	---	---	---	---	---	---	---	---	---	---	---	33,915
Tuna, oriental	---	---	---	---	---	---	---	---	---	---	20,333	---	20,833
Tuna, skipjack	280,978	554,121	2,180	---	4,472	609,970	356,437	1,542,190	1,920,000	1,110,587	1,093,247	402,472	7,876,663
Tuna, yellowfin	972,548	1,308,720	203,558	605,903	403,478	618,592	789,601	1,624,804	2,051,956	1,525,969	1,165,975	836,737	12,107,841
Total pounds	1,253,526	2,359,697	526,844	747,115	703,731	1,403,997	1,572,078	3,870,672	4,143,838	2,983,438	2,419,879	1,278,414	23,272,229
Grand total	7,388,140	9,402,391	5,785,265	9,258,322	8,120,401	9,437,310	20,357,088	21,166,555	16,387,757	15,280,785	11,757,041	12,101,497	146,442,552

¹ For origin of shipments refer to Table 24.

TABLE 33

Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

Species	Eureka	San Francisco ¹	Monterey	Santa Barbara	Los Angeles	San Diego	Total
LANDINGS:							
Fish:							
Anchovy	-----	2,888	542,330	627,095	10,425,739	4,672	11,602,724
	-----	\$129	\$9,327	\$7,337	\$133,448	\$140	\$150,381
Barracuda, California	-----	-----	200	74,638	504,677	335,744	915,259
	-----	-----	\$20	\$8,724	\$66,567	\$39,651	\$114,962
Bonito	-----	-----	29,708	4,801,004	716,094	5,546,806	5,546,806
	-----	-----	\$1,292	\$123	\$30,863	\$216,513	\$216,513
Cabezon	-----	5,550	12,614	1,223	-----	133	19,520
	-----	\$92	\$420	\$63	-----	\$15	\$590
Cabrilla	-----	-----	-----	-----	8,990	-----	8,990
	-----	-----	-----	-----	\$1,373	-----	\$1,373
Carp	-----	696,904	-----	-----	-----	-----	696,904
	-----	\$34,472	-----	-----	-----	-----	\$34,472
Croaker, white	-----	6,165	147,815	2,370	613,695	489	770,534
	-----	\$442	\$10,214	\$127	\$21,282	\$48	\$32,113
Flounder	177,048	269,924	21,606	2,624	-----	-----	471,202
	\$8,781	\$12,502	\$1,406	\$134	-----	-----	\$22,823
Flyingfish	-----	-----	-----	-----	37,673	-----	37,673
	-----	-----	-----	-----	\$4,946	-----	\$4,946
Grouper	-----	-----	-----	-----	310,576	12,255	322,831
	-----	-----	-----	-----	\$52,425	\$1,961	\$54,386
Hake	1,062,858	33,315	38,965	-----	-----	-----	1,135,138
	\$18,600	\$500	\$394	-----	-----	-----	\$19,494
Halfmoon	-----	-----	-----	-----	4,324	131	4,455
	-----	-----	-----	-----	\$895	\$8	\$903
Halibut, arrowtooth	605,584	38,296	-----	-----	-----	-----	643,880
	\$12,837	\$1,245	-----	-----	-----	-----	\$14,082
Halibut, California	31	10,253	12,663	109,611	63,836	71,052	267,446
	\$5	\$2,148	\$2,904	\$25,023	\$16,680	\$17,458	\$64,218
Halibut, Pacific	8,271	-----	-----	-----	-----	-----	8,271
	\$2,036	-----	-----	-----	-----	-----	\$2,036
Hardhead	-----	59,373	-----	-----	-----	-----	59,373
	-----	\$19,502	-----	-----	-----	-----	\$19,502
Herring, Pacific	44,277	1,621,471	733,682	300	-----	-----	2,399,730
	\$1,111	\$14,432	\$28,394	\$15	-----	-----	\$43,952
Lingcod	744,365	491,636	236,135	125,048	915	1,416	1,599,515
	\$47,221	\$28,765	\$19,198	\$9,666	\$124	\$114	\$105,088
Mackerel, jack	-----	34,854	3,203,199	6,198,927	12,628,821	-----	22,065,801
	-----	\$1,506	\$83,603	\$130,176	\$315,721	-----	\$531,006
Mackerel, Pacific	-----	-----	162,676	3,671,413	23,737,794	76,602	27,648,485
	-----	-----	\$4,864	\$77,467	\$586,324	\$2,888	\$671,543
Opaleye	-----	-----	-----	-----	2,351	-----	2,351
	-----	-----	-----	-----	\$343	-----	\$343
Perch	108,555	43,235	9,035	28,854	-----	-----	189,679
	\$15,699	\$6,438	\$996	\$6,391	-----	-----	\$29,524
Pompano, California	-----	402	40,975	-----	39,187	-----	80,564
	-----	\$266	\$12,641	-----	\$6,262	-----	\$19,169
Ratfish	9,595	15,330	875	-----	-----	-----	25,800
	\$384	\$507	\$9	-----	-----	-----	\$900
Rock bass	-----	-----	-----	-----	375	-----	375
	-----	-----	-----	-----	\$30	-----	\$30
Rockfish	3,814,268	4,195,068	5,857,036	3,143,546	520,088	312,157	17,842,163
	\$150,036	\$167,313	\$273,878	\$121,109	\$56,609	\$24,849	\$793,794
Sablefish	1,206,212	464,040	60,892	1,579	269	-----	1,732,992
	\$82,174	\$16,046	\$1,766	\$68	\$19	-----	\$100,073
Salmon	1,599,019	1,675,040	277,181	102,497	3,104	-----	3,656,841
	\$707,840	\$744,891	\$115,610	\$49,071	\$1,573	-----	\$1,618,985
Sanddab	108,980	238,657	48,669	3,166	6,966	-----	406,438
	\$6,527	\$13,642	\$3,626	\$165	\$1,545	-----	\$25,505
Sardine	-----	-----	16,783,939	47,109,855	143,540,953	11,090	207,445,837
	-----	-----	\$508,553	\$1,083,526	\$3,846,899	\$297	\$5,439,275
Sargo	-----	-----	-----	-----	1,740	-----	1,740
	-----	-----	-----	-----	\$397	-----	\$397
Sculpin	-----	-----	-----	-----	61,548	3,321	64,872
	-----	-----	-----	-----	\$17,676	\$759	\$18,435
Sculpin, staghorn	-----	257	-----	-----	-----	-----	257
	-----	\$13	-----	-----	-----	-----	\$13
Sea bass, black	-----	-----	-----	1,001	200,765	14,261	216,027
	-----	-----	-----	\$91	\$27,223	\$1,733	\$29,047
Seabass, white	246	13,246	92,161	414,892	1,483,378	845,840	2,849,763
	\$49	\$1,750	\$15,197	\$67,337	\$183,346	\$128,229	\$395,908
Seatrout, greenling	-----	-----	2,505	2,245	-----	-----	4,750
	-----	-----	\$30	\$112	-----	-----	\$142
Shark	10,443	69,388	49,383	57,820	128,731	175,948	491,713
	\$436	\$2,648	\$2,243	\$5,177	\$14,459	\$14,282	\$39,245

TABLE 33—Continued

Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

Species	Eureka	San Francisco ¹	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Sheep-head	-----	-----	-----	559	2,159	8,648	11,366
Sierra	-----	-----	-----	\$29	\$127	\$628	\$784
Skate	24,089	116,531	27,737	5,754	2,785	-----	176,896
	\$754	\$1,364	\$330	\$288	\$235	-----	\$2,971
Smelt	188,841	73,071	35,935	432	251,775	-----	549,854
	\$9,487	\$9,296	\$2,096	\$32	\$6,832	-----	\$27,743
Sole, Dover	7,028,603	1,023,067	730	640	-----	-----	8,053,040
	\$370,264	\$50,365	\$37	\$32	-----	-----	\$420,698
Sole, English	3,219,893	1,462,685	255,713	211,678	265	-----	5,150,234
	\$226,642	\$91,001	\$16,545	\$13,822	\$21	-----	\$348,031
Sole, petrale	1,813,810	741,835	110,394	491,321	318	-----	3,157,678
	\$192,802	\$76,894	\$11,051	\$50,263	\$34	-----	\$330,844
Sole, rex	842,485	445,673	38,892	95,841	-----	-----	1,422,891
	\$49,664	\$25,068	\$1,964	\$5,425	-----	-----	\$82,121
Sole, sand	4,193	19,157	-----	990	-----	-----	24,340
	\$415	\$1,686	-----	\$99	-----	-----	\$2,200
Sole, miscellaneous	2,500	210	6,716	2,366	622	2,830	15,244
	\$114	\$13	\$581	\$192	\$66	\$291	\$1,257
Splittail	-----	157	-----	-----	-----	-----	157
	-----	\$55	-----	-----	-----	-----	\$55
Swordfish	-----	-----	-----	111,737	279,646	80,392	471,775
	-----	-----	-----	\$37,823	\$98,491	\$28,756	\$165,070
Tuna, albacore	1,372,501	2,888,436	2,190,201	1,876,153	9,952,375	8,908,111	27,187,777
	\$257,344	\$571,332	\$413,729	\$356,845	\$2,098,956	\$1,868,922	\$5,567,128
Tuna, bigeye	-----	-----	-----	-----	5,245	-----	5,245
	-----	-----	-----	-----	\$729	-----	\$729
Tuna, bluefin	-----	-----	-----	26	27,281,089	3,438,117	30,719,232
	-----	-----	-----	\$4	\$3,582,007	\$47,299	\$4,029,310
Tuna, skipjack	-----	45,980	-----	108	57,759,135	64,962,321	122,767,544
	-----	\$5,490	-----	\$15	\$6,636,524	\$7,522,637	\$14,164,666
Tuna, yellowfin	-----	200,206	-----	-----	80,782,728	42,436,460	123,419,394
	-----	\$28,349	-----	-----	\$10,905,668	\$5,750,141	\$16,684,158
Turbot	22,886	39,929	-----	9,530	170	-----	72,515
	\$2,073	\$1,713	-----	\$479	\$14	-----	\$4,279
Wahoo	-----	-----	-----	-----	23,557	276	23,833
	-----	-----	-----	-----	\$8,203	\$97	\$8,300
Whitebait	140,143	70,073	96,589	-----	-----	-----	306,805
	\$10,090	\$7,785	\$8,200	-----	-----	-----	\$26,075
Whitefish, ocean	-----	-----	-----	128	1,381	393	1,902
	-----	-----	-----	\$13	\$74	\$16	\$103
Yellowtail	-----	-----	-----	1,442	85,273	82,915	169,630
	-----	-----	-----	\$121	\$7,736	\$5,953	\$13,810
Miscellaneous fish	4,464	2,399	133	50	1,000	622	8,668
	\$78	\$41	\$8	\$7	\$223	\$115	\$472
Crustacean:							
Crab	9,582,999	7,405,578	127,064	167,125	-----	-----	17,282,766
	\$1,076,129	\$942,601	\$17,866	\$24,016	-----	-----	\$2,060,612
Crab, rock	11,014	-----	-----	59,517	92,520	3,911	166,962
	-----	-----	-----	\$2,137	\$8,586	\$141	\$10,864
Lobster, spiny	-----	-----	-----	127,613	348,126	156,879	632,618
	-----	-----	-----	\$70,646	\$221,477	\$96,905	\$389,028
Prawn	-----	-----	911	-----	-----	-----	911
	-----	-----	\$364	-----	-----	-----	\$364
Shrimp, bay	-----	45,955	-----	-----	-----	-----	45,955
	-----	\$6,089	-----	-----	-----	-----	\$6,089
Shrimp, ocean	1,467,113	172,804	-----	88,763	-----	-----	1,728,680
	\$132,186	\$14,688	-----	\$8,051	-----	-----	\$154,925
Mollusk:							
Abalone	-----	13,075	-----	2,117,321	1,606,475	487,147	4,224,018
	-----	\$2,092	-----	\$255,856	\$123,928	\$40,419	\$422,295
Clam, gaper	-----	-----	680	-----	-----	-----	680
	-----	-----	\$71	-----	-----	-----	\$71
Clam, jackknife	-----	-----	-----	-----	-----	8,788	8,788
	-----	-----	-----	-----	-----	\$3,277	\$3,277
Clam, Washington	3,961	-----	-----	-----	-----	-----	3,961
	\$522	-----	-----	-----	-----	-----	\$522
Octopus	2,399	3,378	3,572	6,010	296	35	15,690
	\$193	\$136	\$355	\$303	\$1	\$5	\$993

TABLE 33—Continued

Value of Landings and Shipments of Commercial Fish Into California by Area, 1958

Species	Eureka	San Francisco ¹	Monterey	Santa Barbara	Los Angeles	San Diego	Total
Oyster, eastern-----	-----	32,087	-----	-----	-----	-----	32,087
	-----	\$9,292	-----	-----	-----	-----	\$9,292
Oyster, giant Pacific-----	7,402,950	588,646	-----	1,607,466	-----	-----	9,599,062
	\$148,059	\$44,914	-----	\$32,149	-----	-----	\$225,122
Oyster, native-----	7,164	8,598	-----	-----	-----	-----	15,762
	\$72	\$4,107	-----	-----	-----	-----	\$4,179
Sea snail-----	-----	-----	-----	-----	153	-----	153
	-----	-----	-----	-----	\$11	-----	\$11
Squid-----	-----	-----	3,902,936	105	3,543,107	11,270	7,457,418
	-----	-----	\$87,817	\$2	\$57,753	\$338	\$145,910
Total pounds-----	42,641,550	25,384,822	35,132,739	68,691,087	381,150,392	123,170,323	676,170,923
Total value-----	\$3,530,624	\$2,963,420	\$1,656,307	\$2,451,720	\$29,298,369	\$16,029,235	\$55,929,675
SHIPMENTS:²							
Fish:							
Bonito-----	-----	-----	-----	-----	10,709	-----	10,709
	-----	-----	-----	-----	\$348	-----	\$348
Eel-----	-----	-----	-----	-----	1,085	-----	1,085
	-----	-----	-----	-----	\$391	-----	\$391
Halibut, Pacific-----	-----	-----	-----	-----	16,244	-----	16,244
	-----	-----	-----	-----	\$3,689	-----	\$3,689
Sablefish-----	-----	-----	-----	-----	224,674	-----	224,674
	-----	-----	-----	-----	\$40,284	-----	\$40,284
Salmon-----	7,010	-----	-----	-----	457,759	-----	464,769
	\$3,973	-----	-----	-----	\$305,921	-----	\$309,894
Shad-----	-----	1,351	-----	-----	-----	-----	1,351
	-----	\$1,486	-----	-----	-----	-----	\$1,486
Sturgeon-----	-----	-----	-----	-----	2,457	-----	2,457
	-----	-----	-----	-----	\$1,428	-----	\$1,428
Tuna, albacore-----	-----	5,085,003	-----	-----	21,101,296	1,299,022	27,485,321
	-----	\$804,447	-----	-----	\$3,363,547	\$211,351	\$4,379,345
Tuna, bigeye-----	-----	392,838	-----	-----	3,512,536	1,481,520	5,386,894
	-----	\$48,869	-----	-----	\$435,203	\$254,377	\$738,449
Tuna, bluefin-----	-----	-----	-----	-----	76,993	452,435	529,428
	-----	-----	-----	-----	\$10,009	\$57,821	\$67,830
Tuna, bluefin (Atlantic)-----	-----	9,090	-----	-----	-----	33,915	43,005
	-----	\$1,364	-----	-----	-----	\$4,409	\$5,773
Tuna, oriental-----	-----	-----	-----	-----	164,710	20,833	185,543
	-----	-----	-----	-----	\$24,229	\$4,167	\$28,396
Tuna, skipjack-----	-----	609,840	-----	-----	16,904,209	7,876,663	25,390,712
	-----	\$76,779	-----	-----	\$1,803,679	\$988,521	\$2,868,979
Tuna, yellowfin-----	-----	12,542,236	-----	-----	70,005,678	12,107,841	94,655,755
	-----	\$1,678,151	-----	-----	\$9,695,786	\$1,667,250	\$13,041,187
Miscellaneous fish-----	-----	-----	-----	-----	306,081	-----	306,081
	-----	-----	-----	-----	\$86,457	-----	\$86,457
Crustacean:							
Shrimp, unclassified-----	-----	-----	-----	440	-----	-----	440
	-----	-----	-----	\$229	-----	-----	\$229
Mollusk:							
Clam, Pismo-----	-----	-----	-----	79,680	1,963,992	-----	2,043,672
	-----	-----	-----	\$1,793	\$44,779	-----	\$46,572
Total pounds-----	7,010	18,640,358	-----	80,120	114,748,423	23,272,229	156,748,140
Total value-----	\$3,973	\$2,611,096	-----	\$2,022	\$15,815,750	\$3,187,896	\$21,620,737
GRAND TOTAL POUNDS -----	42,648,570	44,025,180	35,132,739	68,771,207	495,898,815	146,442,552	832,919,063
GRAND TOTAL VALUE -----	\$3,534,597	\$5,574,516	\$1,656,307	\$2,453,742	\$45,114,119	\$19,217,131	\$77,550,412

¹ Includes 696,741 pounds of carp, 59,225 pounds hardhead, and 157 pounds of splittail landed in Sacramento area. In September 1957 the Legislature closed the Sacramento River to gill nets. Most of the fish landed in that area (salmon and shad) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landings.

² For origin of shipments refer to Table 24.

TABLE 34
Value of Landings and Shipments by Port,
Eureka Area, 1958

	Value	Pounds
EUREKA AREA TOTALS	\$3,534,597	42,648,570
Eureka		
Crab	\$357,258	3,181,314
Salmon	195,025	440,632
Giant Pacific oyster	148,059	7,402,950
Dover sole	134,123	2,545,034
Albacore	117,250	625,332
English sole	83,347	1,182,234
Petrale sole	59,476	559,507
Rockfish	37,655	941,427
Ocean shrimp	24,013	266,520
Rex sole	18,812	318,841
Sablefish	16,978	247,856
Perch	10,580	71,728
Lingcod	10,008	156,375
Flounder	5,996	120,894
All other	17,494	370,603
Totals	\$1,236,074	18,431,247
Fort Bragg		
Salmon	\$426,318	963,192
Albacore	115,837	617,796
Dover sole	110,907	2,107,223
Rockfish	60,402	1,560,352
Crab	57,158	508,985
Sablefish	54,692	805,015
English sole	50,697	724,203
Petrale sole	41,027	386,014
Ocean shrimp	29,542	327,878
Lingcod	23,048	366,666
Rex sole	12,704	216,046
All other	14,351	371,984
Totals	\$996,683	8,955,354
Crescent City		
Crab	\$519,099	4,622,430
Salmon	74,257	165,808
Ocean shrimp	73,173	812,134
Albacore	24,062	128,332
Whitebait	5,170	71,805
All other	10,905	146,473
Totals	\$706,666	5,946,982
Fields Landing		
Dover sole	\$125,199	2,375,691
Petrale sole	91,045	856,493
English sole	90,898	1,289,336
Crab	61,394	547,029
Rockfish	51,164	1,291,849
Rex sole	17,881	303,073
Hake	16,762	957,818
Lingcod	11,931	186,423
Sablefish	10,351	151,109
Arrowtooth halibut	9,277	437,578
Ocean shrimp	5,458	60,581
All other	7,026	86,938
Totals	\$498,386	8,543,918
Trinidad		
Crab	\$80,894	720,338
Salmon	7,356	16,389
All other	86	1,343
Totals	\$88,336	738,070
Point Arena		
Salmon	\$7,227	16,328
All other	294	2,627
Totals	\$7,521	18,955
All other ports		
All other	\$931	14,044
Totals	\$931	14,044

TABLE 35
Value of Landings and Shipments by Port,
San Francisco Area, 1958 ¹

	Value	Pounds
SAN FRANCISCO AREA TOTALS	\$5,574,516	44,025,180
San Francisco		
Yellowfin tuna	\$1,706,500	12,742,442
Albacore	1,073,221	6,443,821
Crab	572,334	4,496,665
Rockfish	127,515	3,198,188
Skipjack	82,269	655,820
Salmon	71,149	159,994
Petrale sole	57,686	558,009
Bigeye tuna	48,869	392,838
Dover sole	43,950	892,662
English sole	28,318	454,910
Sablefish	13,820	399,508
Rex sole	12,894	228,661
Lingcod	11,775	202,194
Sanddab	7,907	138,039
All other	25,986	696,234
Totals	\$3,884,193	31,659,985
Bodega Bay		
Salmon	\$449,135	1,009,973
Crab	172,082	1,351,781
English sole	42,342	680,757
Albacore	17,444	88,190
Rockfish	14,972	342,839
Ocean shrimp	13,917	163,734
Petrale sole	8,385	81,093
Lingcod	6,723	114,535
Rex sole	6,477	115,460
All other	23,547	411,113
Totals	\$755,024	4,359,475
Point Reyes (Drakes Bay)		
Salmon	\$106,575	239,655
Crab	76,523	601,126
Giant Pacific oyster	37,828	495,776
Rockfish	24,754	652,500
English sole	20,341	327,018
Petrale sole	10,623	102,733
Lingcod	10,242	174,486
Rex sole	5,697	101,552
All other	18,984	398,370
Totals	\$311,567	3,093,216
Oakland		
Albacore	\$181,022	915,175
Salmon	48,630	109,355
Crab	14,784	116,139
All other	53	335
Totals	\$244,489	1,141,004
Sausalito		
Albacore	\$103,945	525,508
Crab	62,238	489,190
Salmon	58,712	132,025
All other	104	1,911
Totals	\$224,999	1,148,634
Princeton		
Crab	\$39,884	313,310
Salmon	7,498	16,860
All other	6,060	44,011
Totals	\$53,442	374,181

TABLE 35—Continued
Value of Landings and Shipments by Port,
San Francisco Area, 1958 ¹

	Value	Pounds
Clear Lake		
Carp.....	\$25,451	515,200
Hardhead.....	18,239	55,558
Totals.....	\$43,690	570,758
Tomaes Bay (Marshall)		
Pacific herring.....	\$11,117	1,249,087
Eastern oyster.....	9,292	32,087
Giant Pacific oyster.....	7,086	92,870
All other.....	7,917	48,945
Totals.....	\$35,412	1,422,989
All other ports		
Carp.....	\$8,969	181,541
All other.....	12,731	73,397
Totals.....	\$21,700	254,938

¹ Includes 696,741 pounds of carp, 59,225 pounds hardhead, and 157 pounds of splittail landed in Sacramento area. In September 1957 the Legislature closed the Sacramento River to gill nets. Most of the fish landed in that area (salmon and shad) were taken in gill nets. The foregoing small poundage has been combined with the San Francisco area landings.

TABLE 36
Value of Landings by Port,
Monterey Area, 1958

	Value	Pounds
MONTEREY AREA TOTALS	\$1,656,307	35,132,739
Monterey		
Sardine.....	\$398,706	13,158,625
Rockfish.....	251,236	5,479,752
Albacore.....	137,789	729,426
Squid.....	85,874	3,816,609
Jack mackerel.....	71,614	2,743,831
Salmon.....	37,456	89,806
Lingcod.....	15,897	195,535
English sole.....	15,171	234,475
Petrale sole.....	9,716	97,058
Anchovy.....	9,149	531,930
White seabass.....	6,081	36,875
Pacific herring.....	5,048	130,435
All other.....	24,618	490,403
Totals.....	\$1,068,355	27,734,760
Moss Landing		
Albacore.....	\$250,507	1,326,135
Sardine.....	101,759	3,358,380
Salmon.....	50,247	120,468
Pacific herring.....	19,303	498,789
Crab.....	17,092	121,562
Jack mackerel.....	11,220	429,900
All other.....	12,290	230,534
Totals.....	\$462,418	6,085,768
Santa Cruz		
Salmon.....	\$27,907	66,907
Albacore.....	25,433	134,640
Rockfish.....	22,544	375,380
California pompano.....	11,276	36,550
White seabass.....	8,451	51,251
Sardine.....	8,088	266,934
All other.....	21,835	380,549
Totals.....	\$125,534	1,312,211

TABLE 37
Value of Landings and Shipments by Port,
Santa Barbara Area, 1958

	Value	Pounds
SANTA BARBARA AREA TOTALS	\$2,453,742	68,771,207
Morro Bay		
Sardine.....	\$652,915	28,387,600
Albacore.....	141,667	744,830
Rockfish.....	96,982	2,505,049
Jack mackerel.....	64,265	3,060,254
Giant Pacific oyster.....	32,149	1,607,466
Abalone.....	30,715	232,515
Salmon.....	29,471	61,602
Crab.....	15,920	110,784
White seabass.....	11,905	73,354
Petrale sole.....	10,742	105,003
Lingcod.....	8,531	110,366
Ocean shrimp.....	8,051	88,763
Perch.....	5,934	26,590
All other.....	13,771	179,165
Totals.....	\$1,123,018	37,293,341
Santa Barbara		
Abalone.....	\$161,191	1,369,688
Spiny lobster.....	64,560	116,619
White seabass.....	50,746	312,666
Swordfish.....	34,585	102,172
Pacific mackerel.....	27,328	1,295,185
Petrale sole.....	24,588	240,348
Rockfish.....	20,253	550,273
California halibut.....	19,945	87,365
Sardine.....	11,238	488,630
English sole.....	9,352	143,222
All other.....	12,744	297,619
Totals.....	\$436,530	5,003,187
Port Hueneme		
Sardine.....	\$325,184	14,138,445
Pacific mackerel.....	49,361	2,339,369
Jack mackerel.....	24,546	1,168,876
Abalone.....	13,825	135,935
All other.....	15,125	211,252
Totals.....	\$428,041	17,993,877
Port San Luis (Avila)		
Albacore.....	\$215,162	1,131,239
Sardine.....	94,189	4,095,180
Jack mackerel.....	40,040	1,906,679
Salmon.....	19,597	40,889
Petrale sole.....	14,933	145,970
Abalone.....	10,566	79,987
Crab.....	8,096	56,341
Anchovy.....	6,001	512,900
All other.....	16,417	208,410
Totals.....	\$425,001	8,177,595
San Simeon		
Abalone.....	\$24,236	183,465
Totals.....	\$24,236	183,465
All other ports		
Abalone.....	\$15,323	116,331
All other.....	1,593	3,411
Totals.....	\$16,916	119,742

TABLE 38
Value of Landings and Shipments by Port,
Los Angeles Area, 1958

	Value	Pounds
LOS ANGELES AREA TOTALS	\$45,114,119	495,898,815
Terminal Island		
Yellowfin tuna	\$20,573,847	150,583,910
Skipjack	8,440,071	74,662,194
Albacore	5,455,936	31,022,533
Bluefin tuna	3,493,359	26,606,699
Sardine	3,418,731	127,564,578
Bigeye tuna	435,932	3,517,781
Pacific mackerel	312,038	12,633,098
Jack mackerel	254,248	10,169,904
Bonito	141,916	3,697,376
Squid	38,063	2,335,180
Pismo clam	27,009	1,184,592
Oriental tuna	24,229	164,710
Anchovy	19,494	1,522,950
Spiny lobster	9,988	15,700
All other	230	1,829
Totals	\$42,645,091	445,683,034
San Pedro		
White seabass	\$166,008	1,343,104
Spiny lobster	119,168	187,312
Bluefin tuna	98,651	751,340
Pacific mackerel	95,116	3,850,865
Swordfish	62,264	176,786
Sardine	60,292	2,249,684
Anchovy	53,852	4,207,210
Grouper	52,175	309,094
California barracuda	44,482	337,239
Rockfish	37,443	347,986
Yellowfin tuna	27,577	204,276
Black sea bass	27,186	200,488
Squid	18,555	1,138,342
Sculpin	17,094	59,520
California halibut	16,334	62,509
Jack mackerel	13,673	546,918
White croaker	13,485	392,799
Abalone	10,287	132,480
Yellowtail	6,841	75,419
Shark	6,167	54,809
California pompano	6,076	38,025
Bonito	5,577	145,231
All other	21,647	370,239
Totals	\$979,950	17,181,675
Los Angeles		
Salmon	\$305,921	457,759
Sablefish	40,284	224,674
Pismo clam	13,349	585,480
All other	91,423	322,303
Totals	\$450,977	1,590,216
Long Beach		
Sardine	\$254,839	9,508,911
Spiny lobster	34,377	54,035
Anchovy	27,648	2,159,995
Pacific mackerel	25,954	1,050,753
Jack mackerel	18,515	740,584
Rockfish	15,524	131,826
All other	2,198	19,328
Totals	\$379,055	13,665,432

TABLE 38—Continued
Value of Landings and Shipments by Port,
Los Angeles Area, 1958

	Value	Pounds
Newport Beach		
Abalone	\$111,168	1,443,735
Pacific mackerel	86,359	3,496,333
Bonito	33,035	860,293
Swordfish	32,222	91,489
Spiny lobster	18,473	29,036
White seabass	15,467	124,652
Wahoo	8,203	23,557
Shark	7,678	68,464
Jack mackerel	6,971	278,856
California barracuda	5,608	42,518
All other	7,454	133,989
Totals	\$332,578	6,592,922
Wilmington		
Sardine	\$103,635	3,866,962
Pacific mackerel	66,191	2,679,783
Jack mackerel	22,310	892,409
Anchovy	16,114	1,258,917
White croaker	7,749	219,517
All other	7,584	256,542
Totals	\$223,583	9,174,130
Santa Monica		
California barracuda	\$15,581	118,127
Anchovy	15,514	1,212,067
Sardine	8,718	325,298
Spiny lobster	7,702	12,106
All other	9,409	135,118
Totals	\$56,924	1,802,716
Redondo Beach		
Rock crab	\$8,312	89,571
Spiny lobster	7,842	12,327
All other	2,067	37,609
Totals	\$18,221	139,507
Dana Point		
Spiny lobster	\$10,319	16,220
All other	105	1,341
Totals	\$10,424	17,561
San Clemente		
Spiny lobster	\$10,177	15,997
Totals	\$10,177	15,997
All other ports		
All other	\$7,139	35,625
Totals	\$7,139	35,625

TABLE 39
Value of Landings and Shipments by Port,
San Diego Area, 1958

	Value	Pounds
SAN DIEGO AREA TOTALS	\$19,217,131	146,442,552
San Diego		
Skipjack.....	\$8,511,144	72,838,867
Yellowfin tuna.....	7,417,264	54,543,367
Albacore.....	2,080,254	10,207,042
Bluefin tuna.....	505,120	3,890,552
Bigeye tuna.....	254,377	1,481,520
White seabass.....	123,771	816,434
Spiny lobster.....	74,203	120,127
Abalone.....	40,419	487,147
Bonito.....	30,778	714,117
California barracuda.....	28,551	241,754
Swordfish.....	28,329	79,199
Rockfish.....	22,402	283,416
California halibut.....	17,065	69,454
Shark.....	14,201	174,958
Yellowtail.....	5,699	79,377
All other.....	21,303	214,771
Totals.....	\$19,174,880	146,242,102
Oceanside		
California barracuda.....	\$7,611	64,442
All other.....	5,727	33,766
Totals.....	\$13,338	98,208
Cardiff		
Spiny lobster.....	\$11,102	17,973
All other.....	19	210
Totals.....	\$11,121	18,183
La Jolla		
Spiny lobster.....	\$5,536	8,963
All other.....	3,821	31,500
Totals.....	\$9,357	40,463
All other ports		
All other.....	\$8,435	43,596
Totals.....	\$8,435	43,596

TABLE 40
Statewide Party Boat¹ Catch and Angler Days, 1949 Through 1958

Species	Number of fish									
	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958
Albacore.....	22,692	118,087	75,924	187,267	23,363	20,098	78,688	65,814	41,540	6,482
Barracuda, California.....	366,423	256,367	269,545	336,862	170,550	282,552	154,962	87,603	577,184	782,723
Halibut, California.....	104,639	85,935	95,265	31,158	34,282	59,674	35,802	21,661	10,795	16,192
Kelp bass ²	796,959	619,397	781,609	535,832	711,355	876,667	467,343	470,362	609,071	653,671
Rockfish.....	570,637	679,164	721,808	706,004	696,480	1,149,367	1,737,707	2,036,708	1,395,151	1,561,132
Salmon.....	23,057	56,337	71,970	86,472	98,723	119,911	128,978	114,505	44,701	52,676
Seabass, white.....	65,945	54,718	44,367	41,043	28,182	41,568	30,103	19,755	19,030	34,039
Yellowtail.....	17,710	6,971	23,721	50,263	27,702	40,872	36,468	29,198	242,686	123,384
All other.....	372,132	313,437	302,405	318,974	489,471	683,808	413,832	417,389	563,816	720,581
Total number of fish.....	2,339,794	2,190,413	2,360,644	2,305,875	2,260,158	3,274,537	3,113,883	3,262,995	3,503,974	3,950,880
Number of angler days.....	469,915	544,264	556,949	562,898	502,146	532,190	496,286	523,063	536,175	515,175

¹ Does not include barges.

² Includes sand bass.

TABLE 41
Recorded Catch of Live Bait¹ for Saltwater Sportfishing, 1954-1958
(Pounds)

Species	1954	1955	1956	1957	1958
Anchovy-----	13,372,042	12,250,890	12,663,614	8,220,275	8,471,746
Croaker, white-----	56,650	33,155	34,050	39,173	18,618
Mackerel, jack-----	405	-----	-----	-----	6,206
Queenfish-----	67,258	57,571	6,600	72,139	43,645
Sardine-----	137,563	80,955	15,770	913,202	1,388,592
Sardine, "firecrackers"-----	2,880	37,259	270	698,539	143,615
Smelt-----	26,187	21,983	7,650	21,272	22,031
Other species-----	8,786	3,767	225	3,424	3,402
Total pounds-----	13,671,771	12,485,580	12,728,179	9,968,024	10,097,855
Number of boats reporting-----	23	22	18	17	24

¹ Pounds based on conversion of number of scoops reported. This conversion factor obtained from field sampling in 1954 through 1956: 14 pounds per scoop; 1957 and 1958: 10.7 pounds per scoop.

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Barred Surfperch, *Amphistichus argenteus*, photograph
by Jack W. Schott.